

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031719.D
 Acq On : 28 Sep 2022 12:00
 Operator : JC/MD
 Sample : VX0928WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS01

Quant Time: Sep 29 04:29:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	70974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	108755	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83590	55.491	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.980%			
35) Dibromofluoromethane	5.385	113	69918	53.956	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.920%			
50) Toluene-d8	8.647	98	255358	54.355	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.720%			
62) 4-Bromofluorobenzene	11.079	95	96715	56.168	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15777	18.265	ug/l	97
3) Chloromethane	1.288	50	16651	19.948	ug/l	99
4) Vinyl Chloride	1.374	62	22125	18.613	ug/l	99
5) Bromomethane	1.611	94	25059	20.009	ug/l	99
6) Chloroethane	1.685	64	22717	15.253	ug/l	97
7) Trichlorofluoromethane	1.886	101	52823	16.025	ug/l	100
8) Diethyl Ether	2.130	74	17328	18.397	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	20490	21.718	ug/l	93
10) Methyl Iodide	2.453	142	18468	19.971	ug/l	98
11) Tert butyl alcohol	2.995	59	18636	76.155	ug/l	99
12) 1,1-Dichloroethene	2.319	96	18150	23.578	ug/l	89
13) Acrolein	2.239	56	8835	78.624	ug/l	99
14) Allyl chloride	2.666	41	24771	19.956	ug/l #	91
15) Acrylonitrile	3.069	53	52769	100.938	ug/l	98
16) Acetone	2.392	43	42775	112.158	ug/l	95
17) Carbon Disulfide	2.514	76	33725	20.423	ug/l	95
18) Methyl Acetate	2.709	43	26911	19.880	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	70038	20.904	ug/l	94
20) Methylene Chloride	2.788	84	22693	22.905	ug/l #	89
21) trans-1,2-Dichloroethene	3.093	96	20723	19.869	ug/l	93
22) Diisopropyl ether	3.764	45	61896	19.375	ug/l #	93
23) Vinyl Acetate	3.721	43	243070	96.208	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	37694	20.466	ug/l	96
25) 2-Butanone	4.562	43	70442	97.969	ug/l	95
26) 2,2-Dichloropropane	4.477	77	30525	20.420	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	26963	21.109	ug/l	86
28) Bromochloromethane	4.897	49	17274	20.049	ug/l #	75
29) Tetrahydrofuran	5.019	42	43497	96.298	ug/l #	85
30) Chloroform	5.093	83	45800	20.214	ug/l	98
31) Cyclohexane	5.477	56	29282	20.444	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	40556	21.612	ug/l	99
36) 1,1-Dichloropropene	5.690	75	30063	20.201	ug/l	97
37) Ethyl Acetate	4.715	43	28759	19.159	ug/l	98
38) Carbon Tetrachloride	5.678	117	35472	21.150	ug/l	97
39) Methylcyclohexane	7.379	83	34382	20.277	ug/l	91
40) Benzene	6.038	78	90787	19.863	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
 Data File : VX031719.D
 Acq On : 28 Sep 2022 12:00
 Operator : JC/MD
 Sample : VX0928WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0928WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/29/2022
 Supervised By : Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:29:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	14411	18.867	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	35570	20.122	ug/l	98
43) Isopropyl Acetate	6.342	43	44568	18.865	ug/l #	95
44) Trichloroethene	7.123	130	26760	20.728	ug/l	87
45) 1,2-Dichloropropane	7.428	63	22092	19.916	ug/l	94
46) Dibromomethane	7.580	93	18125	20.346	ug/l	92
47) Bromodichloromethane	7.824	83	33488	20.832	ug/l	95
48) Methyl methacrylate	7.690	41	21013	20.224	ug/l	88
49) 1,4-Dioxane	7.696	88	11266	421.734	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	148805	99.509	ug/l	94
52) Toluene	8.720	92	63534	20.853	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	32287	18.619	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	34950	20.920	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	27142	20.691	ug/l	95
56) Ethyl methacrylate	9.116	69	34474	20.541	ug/l	93
57) 1,3-Dichloropropane	9.311	76	42423	20.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	81397	98.494	ug/l	91
59) 2-Hexanone	9.433	43	109717	98.336	ug/l	93
60) Dibromochloromethane	9.519	129	27077	18.674	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28338	21.282	ug/l	97
64) Tetrachloroethene	9.275	164	26412	19.735	ug/l	97
65) Chlorobenzene	10.079	112	71698	20.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25881	20.620	ug/l	98
67) Ethyl Benzene	10.195	91	121690	20.507	ug/l	96
68) m/p-Xylenes	10.299	106	100560	42.176	ug/l	96
69) o-Xylene	10.640	106	47782	20.503	ug/l	100
70) Styrene	10.659	104	79175	20.871	ug/l	98
71) Bromoform	10.799	173	17748	17.944	ug/l #	99
73) Isopropylbenzene	10.963	105	129238	21.233	ug/l	100
74) N-amyl acetate	10.848	43	39310	19.910	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	40467	20.924	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	35882m	21.030	ug/l	
77) Bromobenzene	11.201	156	31102	20.101	ug/l	94
78) n-propylbenzene	11.305	91	145944	21.548	ug/l	99
79) 2-Chlorotoluene	11.366	91	88267	21.104	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	112402	21.785	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8795	19.518	ug/l #	84
82) 4-Chlorotoluene	11.457	91	104899	21.710	ug/l	99
83) tert-Butylbenzene	11.713	119	110014	22.111	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	111770	21.885	ug/l	99
85) sec-Butylbenzene	11.890	105	137287	21.712	ug/l	99
86) p-Isopropyltoluene	12.012	119	117065	21.469	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	61539	20.516	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	63468	20.214	ug/l	100
89) n-Butylbenzene	12.335	91	95343	21.404	ug/l	100
90) Hexachloroethane	12.542	117	18117	20.720	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	61538	20.486	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8074	20.834	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	35652	20.295	ug/l	97
94) Hexachlorobutadiene	13.725	225	13890	20.277	ug/l	95
95) Naphthalene	13.774	128	127509	21.730	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36517	20.255	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092822\
Data File : VX031719.D
Acq On : 28 Sep 2022 12:00
Operator : JC/MD
Sample : VX0928WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0928WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/29/2022
Supervised By :Mahesh Dadoda 09/30/2022

Quant Time: Sep 29 04:29:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Quant Time: Sep 29 04:29:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

