

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042258.D
 Acq On : 10 Jul 2024 11:33
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 00:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	164636	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	235091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115410	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81723	43.047	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	86.100%		
35) Dibromofluoromethane	5.385	113	77471	46.443	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.880%		
50) Toluene-d8	8.646	98	258409	44.096	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.200%#		
62) 4-Bromofluorobenzene	11.079	95	98146	45.434	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.860%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	27622	22.023	ug/l	98
3) Chloromethane	1.300	50	28477	18.098	ug/l	96
4) Vinyl Chloride	1.373	62	28619	18.144	ug/l	98
5) Bromomethane	1.599	94	16052	20.609	ug/l	97
6) Chloroethane	1.666	64	16399	23.370	ug/l	99
7) Trichlorofluoromethane	1.873	101	45528	22.031	ug/l	100
8) Diethyl Ether	2.135	74	17126	17.655	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.318	101	29007	20.377	ug/l	86
10) Methyl Iodide	2.446	142	35857	20.266	ug/l	# 86
11) Tert butyl alcohol	2.989	59	36584	101.539	ug/l	# 95
12) 1,1-Dichloroethene	2.312	96	27985	19.708	ug/l	86
13) Acrolein	2.239	56	32909	81.483	ug/l	92
14) Allyl chloride	2.660	41	43299	19.227	ug/l	89
15) Acrylonitrile	3.068	53	90208	95.854	ug/l	98
16) Acetone	2.392	43	78625	94.318	ug/l	# 86
17) Carbon Disulfide	2.501	76	54099	18.685	ug/l	99
18) Methyl Acetate	2.709	43	40414	17.772	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	91612	19.528	ug/l	100
20) Methylene Chloride	2.788	84	33157	18.165	ug/l	# 88
21) trans-1,2-Dichloroethene	3.087	96	27991	19.422	ug/l	87
22) Diisopropyl ether	3.763	45	91342	19.189	ug/l	97
23) Vinyl Acetate	3.727	43	399371	98.239	ug/l	95
24) 1,1-Dichloroethane	3.605	63	52431	19.668	ug/l	97
25) 2-Butanone	4.568	43	120365	92.810	ug/l	92
26) 2,2-Dichloropropane	4.476	77	39801	20.618	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	35796	19.832	ug/l	85
28) Bromochloromethane	4.903	49	21515	18.843	ug/l	# 67
29) Tetrahydrofuran	5.013	42	79318	94.699	ug/l	93
30) Chloroform	5.092	83	55562	20.006	ug/l	98
31) Cyclohexane	5.464	56	42873	19.310	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	46742	20.142	ug/l	96
36) 1,1-Dichloropropene	5.690	75	35455	20.016	ug/l	96
37) Ethyl Acetate	4.720	43	44562	19.312	ug/l	97
38) Carbon Tetrachloride	5.671	117	40473	20.680	ug/l	93
39) Methylcyclohexane	7.378	83	45054	20.112	ug/l	90
40) Benzene	6.037	78	120251	20.129	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
 Data File : VX042258.D
 Acq On : 10 Jul 2024 11:33
 Operator : JC/MD
 Sample : VX0710WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2024
 Supervised By : Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 00:52:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	23914	19.119	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	39230	20.386	ug/l	93
43) Isopropyl Acetate	6.342	43	66194	18.689	ug/l #	94
44) Trichloroethene	7.128	130	31927	19.937	ug/l	88
45) 1,2-Dichloropropane	7.433	63	29629	20.170	ug/l	98
46) Dibromomethane	7.580	93	21709	20.283	ug/l #	77
47) Bromodichloromethane	7.823	83	39686	20.196	ug/l	100
48) Methyl methacrylate	7.695	41	32152	19.021	ug/l #	84
49) 1,4-Dioxane	7.671	88	16535	382.259	ug/l #	86
51) 4-Methyl-2-Pentanone	8.573	43	238872	97.908	ug/l	95
52) Toluene	8.720	92	76795	20.187	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	37781	19.035	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43072	20.021	ug/l #	88
55) 1,1,2-Trichloroethane	9.152	97	31821	20.079	ug/l	98
56) Ethyl methacrylate	9.116	69	48522	19.680	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	51542	20.130	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	107401	93.478	ug/l	92
59) 2-Hexanone	9.433	43	183684	98.298	ug/l	92
60) Dibromochloromethane	9.518	129	34577	20.086	ug/l	98
61) 1,2-Dibromoethane	9.610	107	33317	20.271	ug/l	99
64) Tetrachloroethene	9.274	164	31723	20.493	ug/l	90
65) Chlorobenzene	10.079	112	89944	20.342	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	32309	20.870	ug/l	99
67) Ethyl Benzene	10.195	91	142244	20.527	ug/l	98
68) m/p-Xylenes	10.299	106	114724	41.013	ug/l	92
69) o-Xylene	10.640	106	56950	20.564	ug/l	92
70) Styrene	10.652	104	94414	20.331	ug/l	95
71) Bromoform	10.799	173	27431	19.400	ug/l #	99
73) Isopropylbenzene	10.963	105	146339	20.854	ug/l	96
74) N-amyl acetate	10.841	43	58739	18.844	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	50326	19.287	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	39441m	18.825	ug/l	
77) Bromobenzene	11.201	156	42327	20.253	ug/l	79
78) n-propylbenzene	11.305	91	156316	20.530	ug/l	96
79) 2-Chlorotoluene	11.366	91	99447	20.272	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	121946	20.863	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13738	18.621	ug/l	93
82) 4-Chlorotoluene	11.457	91	111184	20.502	ug/l	92
83) tert-Butylbenzene	11.713	119	131038	20.432	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	122925	20.963	ug/l	92
85) sec-Butylbenzene	11.890	105	151171	20.839	ug/l	96
86) p-Isopropyltoluene	12.012	119	130935	20.663	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	73471	20.000	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	73272	19.440	ug/l	95
89) n-Butylbenzene	12.335	91	96043	19.689	ug/l	97
90) Hexachloroethane	12.536	117	21235	19.683	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	76300	20.298	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.944	75	9947	19.237	ug/l #	47
93) 1,2,4-Trichlorobenzene	13.591	180	46909	19.050	ug/l	96
94) Hexachlorobutadiene	13.725	225	24637	19.786	ug/l	98
95) Naphthalene	13.774	128	147461	18.303	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	51135	19.689	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071024\
Data File : VX042258.D
Acq On : 10 Jul 2024 11:33
Operator : JC/MD
Sample : VX0710WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2024
Supervised By :Mahesh Dadoda 07/11/2024

Quant Time: Jul 11 00:52:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration

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

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

