

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032255.D
 Acq On : 20 Oct 2022 12:10
 Operator : JC/MD
 Sample : VX1020WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 01:21:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	143493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	226972	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	204919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	102576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	100455	53.814	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.620%			
35) Dibromofluoromethane	5.385	113	77633	49.153	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.300%			
50) Toluene-d8	8.647	98	279466	49.155	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.300%			
62) 4-Bromofluorobenzene	11.079	95	106969	51.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	26572	20.241	ug/l	100
3) Chloromethane	1.294	50	24630	18.171	ug/l	94
4) Vinyl Chloride	1.374	62	27269	19.287	ug/l	97
5) Bromomethane	1.611	94	25156	16.993	ug/l	98
6) Chloroethane	1.691	64	20475	16.344	ug/l	96
7) Trichlorofluoromethane	1.892	101	52855	21.029	ug/l	96
8) Diethyl Ether	2.136	74	17728	20.755	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	27733	20.352	ug/l	99
10) Methyl Iodide	2.453	142	33307	16.914	ug/l	95
11) Tert butyl alcohol	2.977	59	27097	88.119	ug/l	96
12) 1,1-Dichloroethene	2.319	96	25644	20.022	ug/l	96
13) Acrolein	2.239	56	21419	94.258	ug/l	97
14) Allyl chloride	2.666	41	41723	20.741	ug/l	97
15) Acrylonitrile	3.062	53	70816	101.151	ug/l	99
16) Acetone	2.386	43	64190	105.963	ug/l	97
17) Carbon Disulfide	2.514	76	53455	17.828	ug/l	99
18) Methyl Acetate	2.703	43	43503	21.153	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	93362	21.154	ug/l	99
20) Methylene Chloride	2.788	84	29674	19.077	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	27956	20.040	ug/l	99
22) Diisopropyl ether	3.757	45	92249	20.942	ug/l	96
23) Vinyl Acetate	3.721	43	367084	104.263	ug/l	100
24) 1,1-Dichloroethane	3.611	63	51833	20.365	ug/l	96
25) 2-Butanone	4.562	43	98497	104.142	ug/l	99
26) 2,2-Dichloropropane	4.477	77	43336	23.633	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	33118	20.276	ug/l	93
28) Bromochloromethane	4.897	49	20066	19.109	ug/l	97
29) Tetrahydrofuran	5.007	42	63899	104.605	ug/l	98
30) Chloroform	5.092	83	58736	21.203	ug/l	97
31) Cyclohexane	5.470	56	43089	20.191	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	51827	21.939	ug/l	99
36) 1,1-Dichloropropene	5.696	75	40178	19.776	ug/l	100
37) Ethyl Acetate	4.714	43	39668	19.941	ug/l	99
38) Carbon Tetrachloride	5.678	117	44725	20.853	ug/l	95
39) Methylcyclohexane	7.379	83	48478	19.974	ug/l	96
40) Benzene	6.037	78	116257	19.743	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032255.D
 Acq On : 20 Oct 2022 12:10
 Operator : JC/MD
 Sample : VX1020WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Quant Time: Oct 21 01:21:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	22535	21.483	ug/l	98
42) 1,2-Dichloroethane	6.086	62	49172	21.801	ug/l	98
43) Isopropyl Acetate	6.342	43	64570	20.681	ug/l	100
44) Trichloroethene	7.129	130	31898	19.671	ug/l	95
45) 1,2-Dichloropropane	7.434	63	29742	20.022	ug/l	99
46) Dibromomethane	7.580	93	22442	20.256	ug/l	99
47) Bromodichloromethane	7.824	83	42518	20.774	ug/l	100
48) Methyl methacrylate	7.696	41	33814	21.716	ug/l	96
49) 1,4-Dioxane	7.683	88	12966	414.922	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	206275	105.396	ug/l	99
52) Toluene	8.720	92	76385	20.025	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43349	19.931	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	46764	20.506	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	32638	21.062	ug/l	98
56) Ethyl methacrylate	9.116	69	46823	20.980	ug/l	98
57) 1,3-Dichloropropane	9.311	76	51318	20.445	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	100081	97.837	ug/l	98
59) 2-Hexanone	9.433	43	154640	105.893	ug/l	99
60) Dibromochloromethane	9.518	129	32093	20.208	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33516	20.403	ug/l	97
64) Tetrachloroethene	9.275	164	27072	20.007	ug/l	94
65) Chlorobenzene	10.079	112	83139	19.789	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	30664	20.397	ug/l	99
67) Ethyl Benzene	10.195	91	152010	20.436	ug/l	98
68) m/p-Xylenes	10.299	106	116257	39.576	ug/l	96
69) o-Xylene	10.640	106	57734	20.516	ug/l	99
70) Styrene	10.659	104	93733	19.752	ug/l	98
71) Bromoform	10.799	173	22112	18.736	ug/l #	99
73) Isopropylbenzene	10.963	105	153987	21.039	ug/l	99
74) N-amyl acetate	10.841	43	58623	21.680	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	48066	20.427	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	43978m	21.638	ug/l	
77) Bromobenzene	11.201	156	36777	20.499	ug/l	96
78) n-propylbenzene	11.305	91	177405	21.168	ug/l	99
79) 2-Chlorotoluene	11.366	91	105776	20.941	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	132850	21.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11633	19.763	ug/l	89
82) 4-Chlorotoluene	11.457	91	123445	20.992	ug/l	100
83) tert-Butylbenzene	11.713	119	133352	21.082	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	132844	21.613	ug/l	97
85) sec-Butylbenzene	11.890	105	160320	20.972	ug/l	99
86) p-Isopropyltoluene	12.012	119	135756	20.871	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	69360	20.086	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	70498	19.875	ug/l	99
89) n-Butylbenzene	12.335	91	115760	20.206	ug/l	100
90) Hexachloroethane	12.542	117	20438	20.249	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	70701	20.857	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10414	21.522	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	44017	19.946	ug/l	99
94) Hexachlorobutadiene	13.725	225	18083	18.880	ug/l	97
95) Naphthalene	13.774	128	149066	21.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	43481	19.589	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
Data File : VX032255.D
Acq On : 20 Oct 2022 12:10
Operator : JC/MD
Sample : VX1020WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 01:21:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 19 16:51:09 2022
Response via : Initial Calibration

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

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

