

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026343.D
 Acq On : 06 Jan 2022 00:06
 Operator : JC/MD
 Sample : VX0105WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBS02

Quant Time: Jan 06 03:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	102775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174236	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	151843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	70758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	78715	52.941	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.880%			
35) Dibromofluoromethane	5.391	113	58150	51.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.660%			
50) Toluene-d8	8.653	98	207456	49.237	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.480%			
62) 4-Bromofluorobenzene	11.079	95	80181	53.456	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	21389	19.816	ug/l	99
3) Chloromethane	1.295	50	20488	16.306	ug/l	98
4) Vinyl Chloride	1.380	62	22875	17.299	ug/l	99
5) Bromomethane	1.618	94	10604	12.994	ug/l	95
6) Chloroethane	1.691	64	14040	15.099	ug/l	99
7) Trichlorofluoromethane	1.892	101	37682	16.543	ug/l	96
8) Diethyl Ether	2.136	74	13589	17.366	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.337	101	23209	19.327	ug/l	99
10) Methyl Iodide	2.459	142	21807	14.043	ug/l	97
11) Tert butyl alcohol	2.971	59	27088	91.214	ug/l	100
12) 1,1-Dichloroethene	2.325	96	22123	19.439	ug/l	94
13) Acrolein	2.240	56	8706	81.983	ug/l	99
14) Allyl chloride	2.672	41	40435	17.979	ug/l	97
15) Acrylonitrile	3.069	53	68417	93.050	ug/l	100
16) Acetone	2.386	43	65963	81.881	ug/l	95
17) Carbon Disulfide	2.520	76	60001	18.370	ug/l	99
18) Methyl Acetate	2.709	43	48915	18.719	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	84212	21.185	ug/l	100
20) Methylene Chloride	2.794	84	24434	18.371	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	23865	19.222	ug/l	94
22) Diisopropyl ether	3.764	45	86430	20.134	ug/l	97
23) Vinyl Acetate	3.727	43	330376	96.924	ug/l	97
24) 1,1-Dichloroethane	3.617	63	46514	19.995	ug/l	99
25) 2-Butanone	4.562	43	100173	89.265	ug/l	97
26) 2,2-Dichloropropane	4.483	77	31450	17.943	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	28070	19.873	ug/l	94
28) Bromochloromethane	4.904	49	18230	17.680	ug/l	92
29) Tetrahydrofuran	5.013	42	64360	90.992	ug/l	95
30) Chloroform	5.099	83	48451	19.691	ug/l	100
31) Cyclohexane	5.477	56	41574	19.634	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	43011	20.108	ug/l	99
36) 1,1-Dichloropropene	5.702	75	35445	19.400	ug/l	97
37) Ethyl Acetate	4.715	43	38974	18.397	ug/l	99
38) Carbon Tetrachloride	5.678	117	37047	18.229	ug/l	94
39) Methylcyclohexane	7.385	83	39869	19.345	ug/l	93
40) Benzene	6.044	78	98944	18.975	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026343.D
 Acq On : 06 Jan 2022 00:06
 Operator : JC/MD
 Sample : VX0105WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBS02

Quant Time: Jan 06 03:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	21941	18.341	ug/l	96
42) 1,2-Dichloroethane	6.092	62	40692	19.283	ug/l	98
43) Isopropyl Acetate	6.342	43	64588	18.707	ug/l	98
44) Trichloroethene	7.129	130	28673	20.436	ug/l	92
45) 1,2-Dichloropropane	7.434	63	25595	19.191	ug/l	96
46) Dibromomethane	7.586	93	17988	18.183	ug/l	98
47) Bromodichloromethane	7.824	83	35962	17.867	ug/l	99
48) Methyl methacrylate	7.696	41	31923	19.279	ug/l	93
49) 1,4-Dioxane	7.684	88	10464	342.919	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	199009	92.624	ug/l	99
52) Toluene	8.720	92	61729	19.230	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	32132	16.335	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	37445	17.602	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	25015	18.960	ug/l	96
56) Ethyl methacrylate	9.116	69	40986	20.143	ug/l	95
57) 1,3-Dichloropropane	9.311	76	44155	19.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	104451	102.078	ug/l	97
59) 2-Hexanone	9.433	43	149883	92.094	ug/l	98
60) Dibromochloromethane	9.525	129	25309	16.934	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25786	18.267	ug/l	99
64) Tetrachloroethene	9.275	164	30456	23.768	ug/l	97
65) Chlorobenzene	10.080	112	64117	19.222	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	23902	18.805	ug/l	98
67) Ethyl Benzene	10.195	91	119148	19.977	ug/l	97
68) m/p-Xylenes	10.305	106	88676	39.819	ug/l	91
69) o-Xylene	10.640	106	44294	20.328	ug/l	96
70) Styrene	10.659	104	70929	19.857	ug/l	95
71) Bromoform	10.799	173	15870	15.391	ug/l #	99
73) Isopropylbenzene	10.964	105	114531	20.824	ug/l	98
74) N-amyl acetate	10.842	43	50031	19.810	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.214	83	32145	17.185	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	33319m	19.508	ug/l	
77) Bromobenzene	11.201	156	26533	20.342	ug/l	90
78) n-propylbenzene	11.305	91	131835	20.848	ug/l	98
79) 2-Chlorotoluene	11.366	91	80967	20.800	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	97969	21.464	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	6719	11.381	ug/l #	69
82) 4-Chlorotoluene	11.457	91	93500	21.268	ug/l	93
83) tert-Butylbenzene	11.713	119	89880	20.288	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	97188	21.310	ug/l	97
85) sec-Butylbenzene	11.890	105	115819	20.949	ug/l	98
86) p-Isopropyltoluene	12.012	119	95816	20.789	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	48912	19.976	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	49366	18.805	ug/l	97
89) n-Butylbenzene	12.335	91	80684	19.699	ug/l	99
90) Hexachloroethane	12.543	117	12832	13.940	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	48455	19.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7834	16.360	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	29683	19.776	ug/l	99
94) Hexachlorobutadiene	13.725	225	11911	19.113	ug/l	99
95) Naphthalene	13.780	128	108457	19.832	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	29663	19.424	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010522\
 Data File : VX026343.D
 Acq On : 06 Jan 2022 00:06
 Operator : JC/MD
 Sample : VX0105WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0105WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/07/2022

Quant Time: Jan 06 03:14:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

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

