

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025501.D
 Acq On : 03 Dec 2021 23:20
 Operator : JC/MD
 Sample : VX1203WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS02

Quant Time: Dec 04 09:51:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	84088	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	138364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62357	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	45984	51.881	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.760%			
35) Dibromofluoromethane	5.391	113	40437	47.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.260%			
50) Toluene-d8	8.653	98	144880	45.389	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 90.780%#			
62) 4-Bromofluorobenzene	11.079	95	54804	45.384	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13071	17.932	ug/l	98
3) Chloromethane	1.295	50	14116	15.641	ug/l	97
4) Vinyl Chloride	1.374	62	15122	15.261	ug/l	100
5) Bromomethane	1.599	94	9742	22.868	ug/l	99
6) Chloroethane	1.685	64	10536	15.410	ug/l	92
7) Trichlorofluoromethane	1.886	101	24223	16.470	ug/l	99
8) Diethyl Ether	2.136	74	10019	16.507	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	13831	17.674	ug/l	98
10) Methyl Iodide	2.453	142	15287	15.624	ug/l	94
11) Tert butyl alcohol	2.959	59	21165	90.842	ug/l	96
12) 1,1-Dichloroethene	2.319	96	13148	16.870	ug/l	95
13) Acrolein	2.239	56	3964	97.623	ug/l	99
14) Allyl chloride	2.666	41	22603	16.025	ug/l	97
15) Acrylonitrile	3.062	53	43905	92.308	ug/l	98
16) Acetone	2.380	43	38228	77.619	ug/l	95
17) Carbon Disulfide	2.514	76	28311	12.913	ug/l	98
18) Methyl Acetate	2.703	43	28340	18.010	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	49679	18.294	ug/l	97
20) Methylene Chloride	2.794	84	16021	17.305	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	14786	17.318	ug/l	90
22) Diisopropyl ether	3.764	45	48733	18.142	ug/l	99
23) Vinyl Acetate	3.727	43	188963	87.577	ug/l	96
24) 1,1-Dichloroethane	3.611	63	26773	18.241	ug/l	97
25) 2-Butanone	4.562	43	60774	85.350	ug/l	100
26) 2,2-Dichloropropane	4.477	77	19583	14.717	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	18139	18.193	ug/l	90
28) Bromochloromethane	4.904	49	12885	18.827	ug/l	93
29) Tetrahydrofuran	5.007	42	39479	89.544	ug/l	96
30) Chloroform	5.099	83	29227	19.135	ug/l	98
31) Cyclohexane	5.477	56	21980	16.048	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	24663	17.636	ug/l	98
36) 1,1-Dichloropropene	5.690	75	19485	16.141	ug/l	96
37) Ethyl Acetate	4.715	43	24014	17.484	ug/l	100
38) Carbon Tetrachloride	5.678	117	21264	15.993	ug/l	96
39) Methylcyclohexane	7.385	83	22977	14.839	ug/l	92
40) Benzene	6.044	78	61692	16.870	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025501.D
 Acq On : 03 Dec 2021 23:20
 Operator : JC/MD
 Sample : VX1203WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS02

Quant Time: Dec 04 09:51:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12629	16.567	ug/l	95
42) 1,2-Dichloroethane	6.092	62	22101	18.574	ug/l	95
43) Isopropyl Acetate	6.348	43	37084	16.224	ug/l	98
44) Trichloroethene	7.129	130	17678	16.641	ug/l	94
45) 1,2-Dichloropropane	7.434	63	15747	17.533	ug/l	95
46) Dibromomethane	7.580	93	11586	17.770	ug/l	95
47) Bromodichloromethane	7.824	83	20780	16.218	ug/l	97
48) Methyl methacrylate	7.696	41	17669	16.471	ug/l	96
49) 1,4-Dioxane	7.659	88	8125	358.661	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	122641	85.567	ug/l	99
52) Toluene	8.720	92	40050	16.775	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	20865	14.643	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	24038	15.563	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	16932	17.844	ug/l	98
56) Ethyl methacrylate	9.116	69	25380	16.482	ug/l	97
57) 1,3-Dichloropropane	9.311	76	27520	17.498	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	65329	91.188	ug/l	96
59) 2-Hexanone	9.433	43	92447	81.815	ug/l	97
60) Dibromochloromethane	9.525	129	16698	15.289	ug/l	99
61) 1,2-Dibromoethane	9.610	107	17361	16.893	ug/l	96
64) Tetrachloroethene	9.275	164	17444	16.568	ug/l	95
65) Chlorobenzene	10.080	112	45125	17.342	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16574	16.610	ug/l	98
67) Ethyl Benzene	10.195	91	76286	16.966	ug/l	98
68) m/p-Xylenes	10.305	106	60477	32.928	ug/l	94
69) o-Xylene	10.640	106	30355	16.886	ug/l	92
70) Styrene	10.659	104	48908	16.469	ug/l	97
71) Bromoform	10.799	173	11854	13.683	ug/l #	99
73) Isopropylbenzene	10.964	105	77570	17.455	ug/l	99
74) N-amyl acetate	10.842	43	30410	15.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	25818	17.961	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22642m	17.731	ug/l	
77) Bromobenzene	11.201	156	20335	17.792	ug/l	93
78) n-propylbenzene	11.305	91	85207	17.081	ug/l	98
79) 2-Chlorotoluene	11.366	91	52609	17.323	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	64836	17.356	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	5775	11.393	ug/l	94
82) 4-Chlorotoluene	11.457	91	59167	17.067	ug/l	95
83) tert-Butylbenzene	11.719	119	65736	17.315	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	65350	17.700	ug/l	97
85) sec-Butylbenzene	11.890	105	79921	17.316	ug/l	98
86) p-Isopropyltoluene	12.012	119	65785	16.589	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	37102	17.439	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	36722	17.034	ug/l	99
89) n-Butylbenzene	12.335	91	52850	15.812	ug/l	97
90) Hexachloroethane	12.542	117	9802	13.413	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	36905	17.799	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4946	16.472	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	20467	16.771	ug/l	99
94) Hexachlorobutadiene	13.725	225	9146	15.608	ug/l	98
95) Naphthalene	13.780	128	69206	16.195	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	20783	17.409	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025501.D
 Acq On : 03 Dec 2021 23:20
 Operator : JC/MD
 Sample : VX1203WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 09:51:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

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

