

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025391.D
 Acq On : 30 Nov 2021 12:02
 Operator : JC/MD
 Sample : VX1130WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 02:20:11 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)

Internal Standards						
1) Pentafluorobenzene	5.550	168	95578	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	147398	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	134732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	51221	50.842	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.680%			
35) Dibromofluoromethane	5.385	113	45164	49.939	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.647	98	164550	48.392	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.780%			
62) 4-Bromofluorobenzene	11.079	95	61805	48.045	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	18052	21.788	ug/l	95
3) Chloromethane	1.294	50	18481	18.015	ug/l	99
4) Vinyl Chloride	1.374	62	20222	17.954	ug/l	97
5) Bromomethane	1.605	94	13540	27.962	ug/l	98
6) Chloroethane	1.684	64	14634	18.831	ug/l	95
7) Trichlorofluoromethane	1.886	101	30515	18.254	ug/l	96
8) Diethyl Ether	2.129	74	12787	18.534	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	18005	20.242	ug/l	96
10) Methyl Iodide	2.453	142	23467	21.100	ug/l	92
11) Tert butyl alcohol	2.959	59	22315	83.592	ug/l	98
12) 1,1-Dichloroethene	2.318	96	16996	19.186	ug/l	82
13) Acrolein	2.233	56	3410	73.883	ug/l	96
14) Allyl chloride	2.666	41	28917	18.037	ug/l	95
15) Acrylonitrile	3.062	53	52848	97.753	ug/l	98
16) Acetone	2.379	43	56380	100.714	ug/l	94
17) Carbon Disulfide	2.514	76	39856	15.994	ug/l	99
18) Methyl Acetate	2.703	43	34566	19.326	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	61107	19.798	ug/l	99
20) Methylene Chloride	2.788	84	20045	19.048	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	18378	18.937	ug/l	85
22) Diisopropyl ether	3.757	45	59702	19.554	ug/l	94
23) Vinyl Acetate	3.721	43	236079	96.260	ug/l	98
24) 1,1-Dichloroethane	3.611	63	32664	19.579	ug/l	96
25) 2-Butanone	4.550	43	77756	96.071	ug/l	96
26) 2,2-Dichloropropane	4.477	77	28592	18.904	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	21725	19.170	ug/l	92
28) Bromochloromethane	4.891	49	15273	19.633	ug/l	92
29) Tetrahydrofuran	5.001	42	47423	94.631	ug/l	98
30) Chloroform	5.092	83	34845	20.070	ug/l	100
31) Cyclohexane	5.470	56	29257	18.793	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	30815	19.386	ug/l	98
36) 1,1-Dichloropropene	5.690	75	24565	19.102	ug/l	97
37) Ethyl Acetate	4.714	43	27710	18.939	ug/l	98
38) Carbon Tetrachloride	5.672	117	27628	19.506	ug/l	99
39) Methylcyclohexane	7.379	83	31610	19.163	ug/l	92
40) Benzene	6.037	78	74940	19.237	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
 Data File : VX025391.D
 Acq On : 30 Nov 2021 12:02
 Operator : JC/MD
 Sample : VX1130WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 02:20:11 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)
41) Methacrylonitrile	4.916	41	15270	18.803	ug/l	95
42) 1,2-Dichloroethane	6.086	62	26598	20.983	ug/l	93
43) Isopropyl Acetate	6.336	43	46074	18.922	ug/l	98
44) Trichloroethene	7.122	130	22136	19.560	ug/l	94
45) 1,2-Dichloropropane	7.427	63	19015	19.873	ug/l	96
46) Dibromomethane	7.580	93	13952	20.087	ug/l	93
47) Bromodichloromethane	7.824	83	26296	19.265	ug/l	97
48) Methyl methacrylate	7.689	41	21754	19.036	ug/l	96
49) 1,4-Dioxane	7.659	88	9081	376.292	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	147459	96.577	ug/l	99
52) Toluene	8.720	92	48904	19.228	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	28176	18.562	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	31013	18.849	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	20361	20.142	ug/l	98
56) Ethyl methacrylate	9.116	69	31103	18.961	ug/l	95
57) 1,3-Dichloropropane	9.311	76	32898	19.635	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	73186	95.894	ug/l	95
59) 2-Hexanone	9.433	43	115965	96.338	ug/l	97
60) Dibromochloromethane	9.524	129	21845	18.776	ug/l	98
61) 1,2-Dibromoethane	9.610	107	21761	19.876	ug/l	98
64) Tetrachloroethene	9.275	164	21903	19.715	ug/l	94
65) Chlorobenzene	10.079	112	54775	19.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20611	19.575	ug/l	99
67) Ethyl Benzene	10.195	91	92944	19.589	ug/l	96
68) m/p-Xylenes	10.305	106	74326	38.352	ug/l	96
69) o-Xylene	10.640	106	37499	19.770	ug/l	91
70) Styrene	10.658	104	59835	19.095	ug/l	98
71) Bromoform	10.799	173	16442	17.987	ug/l #	99
73) Isopropylbenzene	10.963	105	95964	19.768	ug/l	98
74) N-amyl acetate	10.841	43	38038	18.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	30534	19.446	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	28592m	20.499	ug/l	
77) Bromobenzene	11.201	156	24846	19.902	ug/l	93
78) n-propylbenzene	11.305	91	107762	19.776	ug/l	98
79) 2-Chlorotoluene	11.366	91	64226	19.361	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	80086	19.627	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	9384	16.948	ug/l	95
82) 4-Chlorotoluene	11.457	91	74736	19.736	ug/l	97
83) tert-Butylbenzene	11.719	119	80247	19.351	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	80408	19.938	ug/l	96
85) sec-Butylbenzene	11.890	105	100299	19.895	ug/l	98
86) p-Isopropyltoluene	12.012	119	85045	19.634	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	45915	19.757	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	45908	19.495	ug/l	98
89) n-Butylbenzene	12.335	91	69129	18.934	ug/l	97
90) Hexachloroethane	12.542	117	13982	17.516	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	45369	20.032	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6308	19.233	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	27147	20.365	ug/l	99
94) Hexachlorobutadiene	13.725	225	12619	19.715	ug/l	95
95) Naphthalene	13.780	128	85666	18.402	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26871	20.606	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113021\
Data File : VX025391.D
Acq On : 30 Nov 2021 12:02
Operator : JC/MD
Sample : VX1130WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/01/2021
Supervised By :Mahesh Dadoda 12/01/2021

Quant Time: Dec 01 02:20:11 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

