

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025208.D
 Acq On : 18 Nov 2021 12:52
 Operator : JC/MD
 Sample : VX1118WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 19 08:11:05 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	5.555	168	116071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179244	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	162338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58530	47.839	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.680%		
35) Dibromofluoromethane	5.391	113	53975	49.078	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.160%		
50) Toluene-d8	8.652	98	198300	47.956	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.920%		
62) 4-Bromofluorobenzene	11.085	95	73590	47.043	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22705	22.566	ug/l	99
3) Chloromethane	1.294	50	24564	19.717	ug/l	97
4) Vinyl Chloride	1.373	62	27695	20.248	ug/l	95
5) Bromomethane	1.599	94	18558	31.558	ug/l	97
6) Chloroethane	1.684	64	18037	19.112	ug/l	100
7) Trichlorofluoromethane	1.885	101	42020	20.698	ug/l	98
8) Diethyl Ether	2.135	74	15890	18.966	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	22166	20.520	ug/l	96
10) Methyl Iodide	2.452	142	24813	18.372	ug/l	93
11) Tert butyl alcohol	2.964	59	30762	96.143	ug/l	98
12) 1,1-Dichloroethene	2.318	96	21543	20.025	ug/l	84
13) Acrolein	2.239	56	5424	96.771	ug/l	98
14) Allyl chloride	2.660	41	35751	18.362	ug/l	95
15) Acrylonitrile	3.062	53	64788	98.680	ug/l	98
16) Acetone	2.379	43	66171	97.334	ug/l	95
17) Carbon Disulfide	2.513	76	54909	18.144	ug/l	100
18) Methyl Acetate	2.708	43	41601	19.153	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	73285	19.551	ug/l	97
20) Methylene Chloride	2.788	84	23277	18.214	ug/l	95
21) trans-1,2-Dichloroethene	3.092	96	22805	19.350	ug/l	85
22) Diisopropyl ether	3.763	45	70527	19.021	ug/l	97
23) Vinyl Acetate	3.727	43	283553	95.205	ug/l	96
24) 1,1-Dichloroethane	3.611	63	39427	19.461	ug/l	97
25) 2-Butanone	4.562	43	95391	97.051	ug/l	97
26) 2,2-Dichloropropane	4.482	77	35394	19.270	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	26414	19.192	ug/l	92
28) Bromochloromethane	4.903	49	18522	19.606	ug/l	91
29) Tetrahydrofuran	5.013	42	58851	96.702	ug/l	97
30) Chloroform	5.098	83	41924	19.884	ug/l	98
31) Cyclohexane	5.470	56	36753	19.439	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	37490	19.422	ug/l	98
36) 1,1-Dichloropropene	5.696	75	30211	19.318	ug/l	97
37) Ethyl Acetate	4.720	43	33982	19.099	ug/l	98
38) Carbon Tetrachloride	5.684	117	33942	19.706	ug/l	96
39) Methylcyclohexane	7.384	83	39440	19.662	ug/l	89
40) Benzene	6.043	78	91791	19.376	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
 Data File : VX025208.D
 Acq On : 18 Nov 2021 12:52
 Operator : JC/MD
 Sample : VX1118WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1118WBS01

Quant Time: Nov 19 08:11:05 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 11/19/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	18503	18.736	ug/l	96
42) 1,2-Dichloroethane	6.092	62	30487	19.778	ug/l	93
43) Isopropyl Acetate	6.348	43	56468	19.070	ug/l	97
44) Trichloroethene	7.128	130	27022	19.635	ug/l	89
45) 1,2-Dichloropropane	7.433	63	22782	19.580	ug/l	100
46) Dibromomethane	7.586	93	16337	19.342	ug/l	90
47) Bromodichloromethane	7.823	83	32306	19.463	ug/l	96
48) Methyl methacrylate	7.695	41	26524	19.086	ug/l	96
49) 1,4-Dioxane	7.659	88	12406	422.737	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	179518	96.684	ug/l	98
52) Toluene	8.720	92	59302	19.174	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	34824	18.866	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	37753	18.868	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	23832	19.387	ug/l	97
56) Ethyl methacrylate	9.116	69	37733	18.915	ug/l	96
57) 1,3-Dichloropropane	9.311	76	40072	19.668	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	88180	95.012	ug/l	93
59) 2-Hexanone	9.433	43	139363	95.206	ug/l	95
60) Dibromochloromethane	9.524	129	27573	19.489	ug/l	100
61) 1,2-Dibromoethane	9.610	107	26256	19.721	ug/l	99
64) Tetrachloroethene	9.274	164	26881	20.081	ug/l	96
65) Chlorobenzene	10.079	112	66168	20.002	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	24961	19.676	ug/l	99
67) Ethyl Benzene	10.195	91	112198	19.626	ug/l	95
68) m/p-Xylenes	10.305	106	90662	38.826	ug/l	94
69) o-Xylene	10.646	106	45498	19.908	ug/l	90
70) Styrene	10.658	104	74000	19.599	ug/l	96
71) Bromoform	10.805	173	21254	19.297	ug/l #	99
73) Isopropylbenzene	10.963	105	114799	19.892	ug/l	97
74) N-amyl acetate	10.847	43	46257	18.531	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	36758	19.691	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	34247m	20.653	ug/l	
77) Bromobenzene	11.201	156	29728	20.030	ug/l	94
78) n-propylbenzene	11.304	91	129616	20.009	ug/l	96
79) 2-Chlorotoluene	11.365	91	77548	19.663	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	96827	19.960	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	12462	18.932	ug/l	90
82) 4-Chlorotoluene	11.457	91	87927	19.531	ug/l	96
83) tert-Butylbenzene	11.719	119	97971	19.873	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	96294	20.084	ug/l	95
85) sec-Butylbenzene	11.896	105	121755	20.314	ug/l	97
86) p-Isopropyltoluene	12.012	119	102712	19.946	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54530	19.737	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	55028	19.656	ug/l	98
89) n-Butylbenzene	12.335	91	84465	19.460	ug/l	97
90) Hexachloroethane	12.542	117	18756	19.764	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	54467	20.229	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.944	75	7821	20.058	ug/l	80
93) 1,2,4-Trichlorobenzene	13.591	180	33284	21.002	ug/l	99
94) Hexachlorobutadiene	13.725	225	15586	20.483	ug/l	98
95) Naphthalene	13.780	128	107524	19.450	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	32568	21.007	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111821\
Data File : VX025208.D
Acq On : 18 Nov 2021 12:52
Operator : JC/MD
Sample : VX1118WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1118WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/19/2021
Supervised By :Mahesh Dadoda 11/26/2021

Quant Time: Nov 19 08:11:05 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

