

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025541.D
 Acq On : 06 Dec 2021 12:10
 Operator : JC/MD
 Sample : VX1206WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1206WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/07/2021
 Supervised By : Mahesh Dadoda 12/14/2021

Quant Time: Dec 07 05:57:03 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	5.556	168	79138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122295	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46408	55.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.260%			
35) Dibromofluoromethane	5.391	113	40710	54.254	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.500%			
50) Toluene-d8	8.653	98	146139	51.799	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.600%			
62) 4-Bromofluorobenzene	11.085	95	54355	50.927	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	13858	20.201	ug/l	99
3) Chloromethane	1.294	50	14092	16.591	ug/l	99
4) Vinyl Chloride	1.374	62	15543	16.667	ug/l	100
5) Bromomethane	1.599	94	10059	25.089	ug/l	95
6) Chloroethane	1.685	64	10987	17.075	ug/l	99
7) Trichlorofluoromethane	1.886	101	25881	18.698	ug/l	100
8) Diethyl Ether	2.136	74	10382	18.175	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	15109	20.515	ug/l	98
10) Methyl Iodide	2.453	142	14486	15.731	ug/l	94
11) Tert butyl alcohol	2.959	59	18121	81.805	ug/l	99
12) 1,1-Dichloroethene	2.319	96	13777	18.783	ug/l	90
13) Acrolein	2.239	56	3933	102.918	ug/l	100
14) Allyl chloride	2.666	41	23501	17.704	ug/l	97
15) Acrylonitrile	3.068	53	44658	99.764	ug/l	99
16) Acetone	2.380	43	47017	101.436	ug/l	99
17) Carbon Disulfide	2.514	76	29059	14.083	ug/l #	94
18) Methyl Acetate	2.703	43	28395	19.174	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	51148	20.013	ug/l	99
20) Methylene Chloride	2.788	84	16662	19.123	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	15171	18.880	ug/l	93
22) Diisopropyl ether	3.763	45	49444	19.558	ug/l	99
23) Vinyl Acetate	3.727	43	195227	96.140	ug/l	96
24) 1,1-Dichloroethane	3.611	63	27395	19.832	ug/l	97
25) 2-Butanone	4.556	43	65705	98.046	ug/l	96
26) 2,2-Dichloropropane	4.477	77	22547	18.004	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	18046	19.232	ug/l	92
28) Bromochloromethane	4.897	49	13896	21.574	ug/l	93
29) Tetrahydrofuran	5.013	42	39595	95.424	ug/l	97
30) Chloroform	5.093	83	29494	20.517	ug/l	100
31) Cyclohexane	5.477	56	23383	18.140	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	25724	19.545	ug/l	98
36) 1,1-Dichloropropene	5.690	75	20540	19.251	ug/l	98
37) Ethyl Acetate	4.715	43	23673	19.501	ug/l	100
38) Carbon Tetrachloride	5.678	117	22134	18.834	ug/l	96
39) Methylcyclohexane	7.379	83	25257	18.454	ug/l	92
40) Benzene	6.044	78	61807	19.122	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12325	18.292	ug/l	95
42) 1,2-Dichloroethane	6.086	62	22540	21.432	ug/l	94
43) Isopropyl Acetate	6.342	43	37849	18.734	ug/l	97
44) Trichloroethene	7.129	130	18330	19.522	ug/l	95
45) 1,2-Dichloropropane	7.434	63	15853	19.970	ug/l	95
46) Dibromomethane	7.586	93	12052	20.913	ug/l	95
47) Bromodichloromethane	7.824	83	21566	19.043	ug/l	98
48) Methyl methacrylate	7.696	41	17890	18.868	ug/l	97
49) 1,4-Dioxane	7.659	88	7733	386.209	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	124793	98.508	ug/l	99
52) Toluene	8.720	92	41104	19.479	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	22466	17.839	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	24815	18.177	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	17568	20.947	ug/l	96
56) Ethyl methacrylate	9.116	69	26057	19.145	ug/l	95
57) 1,3-Dichloropropane	9.311	76	28637	20.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	62187	98.208	ug/l	94
59) 2-Hexanone	9.433	43	95831	95.953	ug/l	97
60) Dibromochloromethane	9.525	129	17786	18.425	ug/l	100
61) 1,2-Dibromoethane	9.610	107	18430	20.289	ug/l	99
64) Tetrachloroethene	9.275	164	18576	20.099	ug/l	91
65) Chlorobenzene	10.079	112	46067	20.170	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16875	19.267	ug/l	99
67) Ethyl Benzene	10.195	91	78175	19.807	ug/l	97
68) m/p-Xylenes	10.305	106	63147	39.170	ug/l	93
69) o-Xylene	10.640	106	30997	19.645	ug/l	90
70) Styrene	10.659	104	50632	19.424	ug/l	98
71) Bromoform	10.799	173	12783	16.810	ug/l #	99
73) Isopropylbenzene	10.963	105	80299	19.824	ug/l	99
74) N-amyl acetate	10.848	43	30999	17.693	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	26834	20.481	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	23175m	19.912	ug/l	
77) Bromobenzene	11.201	156	20905	20.068	ug/l	94
78) n-propylbenzene	11.305	91	89993	19.793	ug/l	97
79) 2-Chlorotoluene	11.366	91	55328	19.988	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	66980	19.672	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	6791	14.699	ug/l	97
82) 4-Chlorotoluene	11.457	91	62246	19.699	ug/l	97
83) tert-Butylbenzene	11.719	119	67654	19.552	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	66074	19.634	ug/l	95
85) sec-Butylbenzene	11.890	105	84738	20.144	ug/l	98
86) p-Isopropyltoluene	12.012	119	70677	19.554	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	37900	19.545	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	38423	19.555	ug/l	97
89) n-Butylbenzene	12.335	91	57690	18.937	ug/l	98
90) Hexachloroethane	12.542	117	10810	16.230	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	37346	19.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5206	19.022	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	22508	20.235	ug/l	98
94) Hexachlorobutadiene	13.725	225	10718	20.068	ug/l	99
95) Naphthalene	13.780	128	72934	18.784	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	22825	20.976	ug/l	99

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

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