

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120121\
 Data File : VX025404.D
 Acq On : 01 Dec 2021 11:39
 Operator : JC/MD
 Sample : VX1201WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1201WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/02/2021
 Supervised By : Mahesh Dadoda 12/02/2021

Quant Time: Dec 02 08:26:19 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	94889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	133707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48847	48.838	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.680%		
35) Dibromofluoromethane	5.385	113	43437	48.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.640%		
50) Toluene-d8	8.647	98	155686	46.542	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.080%		
62) 4-Bromofluorobenzene	11.079	95	58013	45.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	17670	21.482	ug/l	99
3) Chloromethane	1.288	50	17774	17.452	ug/l	99
4) Vinyl Chloride	1.374	62	19593	17.522	ug/l	100
5) Bromomethane	1.599	94	13342	27.753	ug/l	93
6) Chloroethane	1.685	64	13276	17.207	ug/l	95
7) Trichlorofluoromethane	1.886	101	30606	18.441	ug/l	99
8) Diethyl Ether	2.136	74	12241	17.872	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	18011	20.396	ug/l	98
10) Methyl Iodide	2.453	142	22861	20.705	ug/l	93
11) Tert butyl alcohol	2.959	59	23620	89.737	ug/l	96
12) 1,1-Dichloroethene	2.319	96	16535	18.801	ug/l	89
13) Acrolein	2.233	56	3813	83.215	ug/l	97
14) Allyl chloride	2.666	41	27666	17.382	ug/l	98
15) Acrylonitrile	3.062	53	50789	94.627	ug/l	99
16) Acetone	2.380	43	54722	98.462	ug/l	96
17) Carbon Disulfide	2.514	76	38571	15.590	ug/l	100
18) Methyl Acetate	2.703	43	32848	18.499	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	60139	19.625	ug/l	97
20) Methylene Chloride	2.788	84	19658	18.816	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	18154	18.842	ug/l #	82
22) Diisopropyl ether	3.757	45	57754	19.053	ug/l	91
23) Vinyl Acetate	3.721	43	228546	93.865	ug/l	96
24) 1,1-Dichloroethane	3.611	63	32257	19.476	ug/l	98
25) 2-Butanone	4.556	43	74872	93.180	ug/l	99
26) 2,2-Dichloropropane	4.477	77	28029	18.666	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	21527	19.133	ug/l	92
28) Bromochloromethane	4.904	49	14238	18.436	ug/l	89
29) Tetrahydrofuran	5.001	42	45345	91.142	ug/l	97
30) Chloroform	5.093	83	34351	19.929	ug/l	94
31) Cyclohexane	5.471	56	27667	17.900	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	30534	19.349	ug/l	98
36) 1,1-Dichloropropene	5.696	75	24428	19.309	ug/l	98
37) Ethyl Acetate	4.708	43	26305	18.276	ug/l	99
38) Carbon Tetrachloride	5.678	117	26694	19.158	ug/l	99
39) Methylcyclohexane	7.379	83	30596	18.855	ug/l	96
40) Benzene	6.037	78	73301	19.127	ug/l	99

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41) Methacrylonitrile	4.916	41	14541	18.202	ug/l	96
42) 1,2-Dichloroethane	6.086	62	26559	21.299	ug/l	94
43) Isopropyl Acetate	6.342	43	45163	18.854	ug/l	98
44) Trichloroethene	7.129	130	21363	19.189	ug/l	95
45) 1,2-Dichloropropane	7.434	63	18638	19.801	ug/l	97
46) Dibromomethane	7.586	93	13772	20.156	ug/l	94
47) Bromodichloromethane	7.824	83	25893	19.283	ug/l	96
48) Methyl methacrylate	7.696	41	20727	18.437	ug/l	97
49) 1,4-Dioxane	7.659	88	8821	371.561	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	141974	94.521	ug/l	98
52) Toluene	8.720	92	47878	19.136	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	26991	18.076	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	30368	18.762	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	19791	19.902	ug/l	97
56) Ethyl methacrylate	9.116	69	30957	19.183	ug/l	95
57) 1,3-Dichloropropane	9.311	76	32967	20.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	71423	95.131	ug/l	96
59) 2-Hexanone	9.433	43	108948	92.005	ug/l	96
60) Dibromochloromethane	9.525	129	20957	18.311	ug/l	99
61) 1,2-Dibromoethane	9.610	107	21075	19.568	ug/l	98
64) Tetrachloroethene	9.275	164	21790	19.763	ug/l	97
65) Chlorobenzene	10.079	112	53913	19.787	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	20296	19.424	ug/l	100
67) Ethyl Benzene	10.195	91	92014	19.542	ug/l	98
68) m/p-Xylenes	10.305	106	73353	38.140	ug/l	94
69) o-Xylene	10.640	106	36842	19.572	ug/l	90
70) Styrene	10.659	104	59210	19.040	ug/l	97
71) Bromoform	10.799	173	15503	17.089	ug/l #	100
73) Isopropylbenzene	10.963	105	94144	19.528	ug/l	98
74) N-amyl acetate	10.841	43	36553	17.529	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	29661	19.021	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	27122m	19.579	ug/l	
77) Bromobenzene	11.201	156	23663	19.085	ug/l	96
78) n-propylbenzene	11.305	91	106115	19.609	ug/l	96
79) 2-Chlorotoluene	11.366	91	63813	19.369	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	77994	19.246	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	9008	16.382	ug/l	95
82) 4-Chlorotoluene	11.457	91	72834	19.367	ug/l	96
83) tert-Butylbenzene	11.713	119	80059	19.439	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	78797	19.673	ug/l	97
85) sec-Butylbenzene	11.890	105	99301	19.833	ug/l	97
86) p-Isopropyltoluene	12.012	119	84296	19.595	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	44946	19.474	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	45442	19.431	ug/l	98
89) n-Butylbenzene	12.335	91	67650	18.657	ug/l	97
90) Hexachloroethane	12.542	117	13541	17.081	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	43577	19.374	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5746	17.640	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	25964	19.612	ug/l	98
94) Hexachlorobutadiene	13.725	225	12749	20.056	ug/l	99
95) Naphthalene	13.780	128	83220	17.992	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	26098	20.151	ug/l	100

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

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