

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110422\
 Data File : VX032594.D
 Acq On : 05 Nov 2022 00:54
 Operator : JC/MD
 Sample : VX1104WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/07/2022
 Supervised By : Mahesh Dadoda 11/07/2022

Quant Time: Nov 05 06:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	108505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	174947	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80616	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77738	51.562	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.120%			
35) Dibromofluoromethane	5.385	113	61972	49.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.320%			
50) Toluene-d8	8.647	98	210864	48.594	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.180%			
62) 4-Bromofluorobenzene	11.079	95	83854	49.471	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	24384	19.485	ug/l	96
3) Chloromethane	1.294	50	20288	19.170	ug/l	98
4) Vinyl Chloride	1.374	62	22723	19.509	ug/l	100
5) Bromomethane	1.611	94	21696	23.309	ug/l	98
6) Chloroethane	1.685	64	14933	19.111	ug/l	99
7) Trichlorofluoromethane	1.886	101	43898	19.890	ug/l	98
8) Diethyl Ether	2.136	74	13762	19.242	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	23019	19.761	ug/l	99
10) Methyl Iodide	2.453	142	23799	19.581	ug/l	99
11) Tert butyl alcohol	2.971	59	22613	103.050	ug/l	99
12) 1,1-Dichloroethene	2.319	96	20424	18.769	ug/l	93
13) Acrolein	2.239	56	19844	90.585	ug/l	96
14) Allyl chloride	2.666	41	33048	19.052	ug/l	98
15) Acrylonitrile	3.062	53	57408	96.397	ug/l	100
16) Acetone	2.386	43	53296	97.262	ug/l	97
17) Carbon Disulfide	2.514	76	43627	16.833	ug/l	99
18) Methyl Acetate	2.703	43	37621	21.113	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	76476	19.996	ug/l	100
20) Methylene Chloride	2.788	84	24656	19.625	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	22748	19.205	ug/l	96
22) Diisopropyl ether	3.763	45	74072	19.742	ug/l	93
23) Vinyl Acetate	3.721	43	291093	96.030	ug/l	99
24) 1,1-Dichloroethane	3.611	63	43769	20.281	ug/l	99
25) 2-Butanone	4.556	43	78902	92.941	ug/l	97
26) 2,2-Dichloropropane	4.483	77	29955	17.461	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	27836	20.331	ug/l	98
28) Bromochloromethane	4.897	49	14800	19.253	ug/l	99
29) Tetrahydrofuran	5.013	42	52138	96.313	ug/l	99
30) Chloroform	5.099	83	48069	20.299	ug/l	99
31) Cyclohexane	5.470	56	34702	18.984	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	43350	20.400	ug/l	100
36) 1,1-Dichloropropene	5.696	75	32947	18.959	ug/l	99
37) Ethyl Acetate	4.715	43	31661	17.503	ug/l	99
38) Carbon Tetrachloride	5.684	117	36664	19.022	ug/l	97
39) Methylcyclohexane	7.385	83	35391	17.213	ug/l	97
40) Benzene	6.037	78	94490	19.215	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18221	19.774	ug/l	99
42) 1,2-Dichloroethane	6.092	62	40596	20.195	ug/l	99
43) Isopropyl Acetate	6.342	43	53712	19.339	ug/l	100
44) Trichloroethene	7.129	130	26365	19.045	ug/l	96
45) 1,2-Dichloropropane	7.434	63	25091	19.876	ug/l	99
46) Dibromomethane	7.586	93	18458	19.066	ug/l	99
47) Bromodichloromethane	7.824	83	35746	19.482	ug/l	98
48) Methyl methacrylate	7.696	41	27331	19.054	ug/l	99
49) 1,4-Dioxane	7.684	88	10981	401.705	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	169383	96.824	ug/l	100
52) Toluene	8.720	92	61693	19.229	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	34732	18.552	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	37413	18.684	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	26055	19.283	ug/l	99
56) Ethyl methacrylate	9.116	69	38088	19.588	ug/l	98
57) 1,3-Dichloropropane	9.311	76	43268	19.829	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	93970	100.365	ug/l	99
59) 2-Hexanone	9.433	43	125574	96.739	ug/l	98
60) Dibromochloromethane	9.525	129	27120	18.376	ug/l	100
61) 1,2-Dibromoethane	9.610	107	28032	19.580	ug/l	97
64) Tetrachloroethene	9.275	164	22571	19.592	ug/l	96
65) Chlorobenzene	10.079	112	67917	19.263	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	25731	19.390	ug/l	99
67) Ethyl Benzene	10.195	91	123141	19.531	ug/l	100
68) m/p-Xylenes	10.305	106	93883	38.346	ug/l	98
69) o-Xylene	10.640	106	46838	19.676	ug/l	99
70) Styrene	10.659	104	76437	19.321	ug/l	99
71) Bromoform	10.799	173	19151	18.253	ug/l #	100
73) Isopropylbenzene	10.963	105	124633	19.510	ug/l	100
74) N-amyl acetate	10.841	43	48191	19.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	40714	19.856	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	35416m	19.747	ug/l	
77) Bromobenzene	11.201	156	31058	19.831	ug/l	98
78) n-propylbenzene	11.305	91	141538	19.231	ug/l	100
79) 2-Chlorotoluene	11.366	91	86272	19.573	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	107534	19.696	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	9119	16.179	ug/l	92
82) 4-Chlorotoluene	11.457	91	100473	19.480	ug/l	100
83) tert-Butylbenzene	11.713	119	106516	19.541	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	106745	19.658	ug/l	100
85) sec-Butylbenzene	11.890	105	126031	19.216	ug/l	100
86) p-Isopropyltoluene	12.012	119	107806	19.371	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	58185	19.695	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	59631	19.457	ug/l	99
89) n-Butylbenzene	12.335	91	88933	18.368	ug/l	99
90) Hexachloroethane	12.536	117	16382	18.021	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	58270	20.004	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8569	19.060	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	35983	18.945	ug/l	97
94) Hexachlorobutadiene	13.725	225	14726	18.564	ug/l	100
95) Naphthalene	13.774	128	123128	19.455	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	36292	18.797	ug/l	99

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

