

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100722\
 Data File : VX031953.D
 Acq On : 07 Oct 2022 11:42
 Operator : JC/MD
 Sample : VX1007WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1007WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/10/2022
 Supervised By : Mahesh Dadoda 10/10/2022

Quant Time: Oct 08 05:08:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	69580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	104450	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77976	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68292	47.525	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.040%		
35) Dibromofluoromethane	5.379	113	58590	49.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	8.647	98	213182	50.109	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.220%		
62) 4-Bromofluorobenzene	11.079	95	77516	51.539	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20869	20.153	ug/l	95
3) Chloromethane	1.288	50	19229	17.733	ug/l	100
4) Vinyl Chloride	1.367	62	22661	17.882	ug/l	95
5) Bromomethane	1.611	94	16618	17.940	ug/l	95
6) Chloroethane	1.684	64	18945	17.568	ug/l	98
7) Trichlorofluoromethane	1.886	101	41354	18.155	ug/l	99
8) Diethyl Ether	2.130	74	14760	19.010	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	22023	19.128	ug/l	91
10) Methyl Iodide	2.453	142	16026	15.681	ug/l	98
11) Tert butyl alcohol	2.989	59	19561	109.411	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	19301	18.211	ug/l	91
13) Acrolein	2.233	56	9301	79.602	ug/l	98
14) Allyl chloride	2.660	41	27966	18.545	ug/l	97
15) Acrylonitrile	3.068	53	55178	96.815	ug/l	99
16) Acetone	2.386	43	43257	88.574	ug/l	94
17) Carbon Disulfide	2.507	76	40899	17.970	ug/l	99
18) Methyl Acetate	2.703	43	31479	19.535	ug/l	91
19) Methyl tert-butyl Ether	3.111	73	69039	19.412	ug/l	98
20) Methylene Chloride	2.788	84	23199	18.077	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	21436	18.264	ug/l	92
22) Diisopropyl ether	3.757	45	65317	19.267	ug/l #	88
23) Vinyl Acetate	3.721	43	252332	99.575	ug/l	95
24) 1,1-Dichloroethane	3.611	63	38402	18.897	ug/l	97
25) 2-Butanone	4.556	43	73456	96.217	ug/l	98
26) 2,2-Dichloropropane	4.477	77	27894	19.110	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	26226	18.675	ug/l	87
28) Bromochloromethane	4.897	49	19035	21.883	ug/l	85
29) Tetrahydrofuran	5.007	42	44996	91.346	ug/l	90
30) Chloroform	5.092	83	42624	18.830	ug/l	99
31) Cyclohexane	5.464	56	31716	18.476	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	36467	18.958	ug/l	97
36) 1,1-Dichloropropene	5.690	75	30129	19.217	ug/l	97
37) Ethyl Acetate	4.714	43	29355	19.888	ug/l	98
38) Carbon Tetrachloride	5.678	117	31430	19.606	ug/l	97
39) Methylcyclohexane	7.379	83	36717	19.634	ug/l	93
40) Benzene	6.037	78	89293	19.450	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15865	20.670	ug/l	96
42) 1,2-Dichloroethane	6.086	62	33295	19.902	ug/l	96
43) Isopropyl Acetate	6.336	43	45120	20.148	ug/l	97
44) Trichloroethene	7.129	130	26069	19.366	ug/l	86
45) 1,2-Dichloropropane	7.433	63	22390	19.845	ug/l	96
46) Dibromomethane	7.580	93	17182	19.651	ug/l	91
47) Bromodichloromethane	7.818	83	31186	20.647	ug/l	99
48) Methyl methacrylate	7.689	41	22022	20.579	ug/l	90
49) 1,4-Dioxane	7.689	88	11068	416.902	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	153457	103.403	ug/l	96
52) Toluene	8.720	92	59705	19.891	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	29991	19.207	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32736	20.012	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	24049	18.983	ug/l	99
56) Ethyl methacrylate	9.116	69	33081	20.371	ug/l	96
57) 1,3-Dichloropropane	9.311	76	40871	20.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	89140	106.336	ug/l	92
59) 2-Hexanone	9.433	43	112526	102.833	ug/l	97
60) Dibromochloromethane	9.518	129	25024	21.583	ug/l	98
61) 1,2-Dibromoethane	9.610	107	26290	20.635	ug/l	100
64) Tetrachloroethene	9.275	164	25378	19.518	ug/l	99
65) Chlorobenzene	10.079	112	65900	18.885	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	23690	19.620	ug/l	99
67) Ethyl Benzene	10.195	91	111630	18.910	ug/l	97
68) m/p-Xylenes	10.305	106	89453	38.131	ug/l	100
69) o-Xylene	10.640	106	43752	19.188	ug/l	99
70) Styrene	10.658	104	72395	19.861	ug/l	97
71) Bromoform	10.799	173	16167	20.453	ug/l #	97
73) Isopropylbenzene	10.963	105	114926	19.541	ug/l	100
74) N-amyl acetate	10.841	43	37838	21.068	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	36328	19.441	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	32269m	20.192	ug/l	
77) Bromobenzene	11.195	156	28036	19.353	ug/l	94
78) n-propylbenzene	11.305	91	131690	19.687	ug/l	100
79) 2-Chlorotoluene	11.366	91	78090	19.399	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	98387	20.171	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7539	19.131	ug/l #	79
82) 4-Chlorotoluene	11.457	91	90140	19.552	ug/l	99
83) tert-Butylbenzene	11.713	119	93703	19.410	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	97625	19.702	ug/l	100
85) sec-Butylbenzene	11.890	105	119222	19.948	ug/l	100
86) p-Isopropyltoluene	12.012	119	103829	20.633	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	54598	19.794	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	54137	19.068	ug/l	98
89) n-Butylbenzene	12.335	91	84700	20.100	ug/l	98
90) Hexachloroethane	12.536	117	14412	18.848	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	53775	19.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	7160	20.933	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	34266	20.586	ug/l	99
94) Hexachlorobutadiene	13.725	225	13712	20.368	ug/l	96
95) Naphthalene	13.774	128	118345	20.749	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	34958	20.705	ug/l	98

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

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