

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112522\
 Data File : VX033061.D
 Acq On : 25 Nov 2022 12:36
 Operator : JC/MD
 Sample : VX1125WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1125WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/28/2022
 Supervised By : Mahesh Dadoda 11/28/2022

Quant Time: Nov 28 00:45:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	147732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	231095	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	210480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72850	50.496	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.000%		
35) Dibromofluoromethane	5.385	113	61996	47.586	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	192090	48.958	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.920%		
62) 4-Bromofluorobenzene	11.079	95	81878	47.843	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	20743	18.379	ug/l	93
3) Chloromethane	1.294	50	21808	17.898	ug/l	98
4) Vinyl Chloride	1.374	62	25408	18.728	ug/l	98
5) Bromomethane	1.617	94	16123	16.026	ug/l	98
6) Chloroethane	1.691	64	20724	18.764	ug/l	95
7) Trichlorofluoromethane	1.892	101	52522	19.947	ug/l	99
8) Diethyl Ether	2.136	74	17447	21.046	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	28083	20.292	ug/l	99
10) Methyl Iodide	2.453	142	19681	12.422	ug/l	99
11) Tert butyl alcohol	3.014	59	27553	120.815	ug/l #	86
12) 1,1-Dichloroethene	2.325	96	25990	20.160	ug/l	95
13) Acrolein	2.239	56	27905	106.523	ug/l	99
14) Allyl chloride	2.666	41	41303	19.844	ug/l	99
15) Acrylonitrile	3.068	53	66920	103.742	ug/l	100
16) Acetone	2.392	43	68954	102.626	ug/l	100
17) Carbon Disulfide	2.514	76	64198	18.024	ug/l	98
18) Methyl Acetate	2.709	43	39664	21.326	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	94179	21.064	ug/l	99
20) Methylene Chloride	2.794	84	29489	20.323	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	28210	19.129	ug/l	95
22) Diisopropyl ether	3.757	45	93471	20.624	ug/l #	81
23) Vinyl Acetate	3.721	43	371760	104.792	ug/l	100
24) 1,1-Dichloroethane	3.611	63	51840	19.989	ug/l	96
25) 2-Butanone	4.568	43	96888	104.576	ug/l	99
26) 2,2-Dichloropropane	4.477	77	43101	20.669	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33649	20.082	ug/l	100
28) Bromochloromethane	4.897	49	24950	21.894	ug/l	100
29) Tetrahydrofuran	5.013	42	59968	102.005	ug/l	99
30) Chloroform	5.092	83	59070	20.336	ug/l	98
31) Cyclohexane	5.470	56	45676	19.594	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	53676	20.634	ug/l	99
36) 1,1-Dichloropropene	5.696	75	41737	20.035	ug/l	98
37) Ethyl Acetate	4.714	43	37300	20.523	ug/l	99
38) Carbon Tetrachloride	5.678	117	47131	20.395	ug/l	97
39) Methylcyclohexane	7.379	83	48060	20.220	ug/l	97
40) Benzene	6.037	78	118054	20.212	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21350	20.877	ug/l	98
42) 1,2-Dichloroethane	6.086	62	48694	20.706	ug/l	99
43) Isopropyl Acetate	6.336	43	63630	21.170	ug/l	99
44) Trichloroethene	7.129	130	33003	20.137	ug/l	99
45) 1,2-Dichloropropane	7.434	63	29845	20.677	ug/l	100
46) Dibromomethane	7.580	93	23389	20.767	ug/l	99
47) Bromodichloromethane	7.824	83	45796	21.043	ug/l	100
48) Methyl methacrylate	7.690	41	33463	21.629	ug/l	99
49) 1,4-Dioxane	7.720	88	13679	480.307	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	202873	109.382	ug/l	99
52) Toluene	8.720	92	77989	20.296	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	46062	20.618	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	48594	20.712	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	32234	20.604	ug/l	99
56) Ethyl methacrylate	9.116	69	46372	21.513	ug/l	99
57) 1,3-Dichloropropane	9.305	76	52477	20.778	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	113256	110.647	ug/l	100
59) 2-Hexanone	9.433	43	150714	110.002	ug/l	99
60) Dibromochloromethane	9.518	129	35631	21.154	ug/l	99
61) 1,2-Dibromoethane	9.610	107	34710	21.020	ug/l	98
64) Tetrachloroethene	9.275	164	29270	19.646	ug/l	98
65) Chlorobenzene	10.079	112	85380	20.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	32974	21.445	ug/l	99
67) Ethyl Benzene	10.195	91	155042	20.828	ug/l	99
68) m/p-Xylenes	10.299	106	120174	41.227	ug/l	100
69) o-Xylene	10.640	106	58983	20.913	ug/l	99
70) Styrene	10.652	104	96545	20.923	ug/l	99
71) Bromoform	10.799	173	25770	21.859	ug/l #	99
73) Isopropylbenzene	10.963	105	156512	20.554	ug/l	100
74) N-amyl acetate	10.841	43	57688	22.271	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	47679	20.746	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	44069m	21.838	ug/l	
77) Bromobenzene	11.195	156	37899	20.238	ug/l	99
78) n-propylbenzene	11.305	91	177794	20.422	ug/l	100
79) 2-Chlorotoluene	11.366	91	107326	20.298	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	133802	20.917	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12892	20.765	ug/l	96
82) 4-Chlorotoluene	11.457	91	125418	20.241	ug/l	99
83) tert-Butylbenzene	11.713	119	133190	20.918	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	135410	21.230	ug/l	98
85) sec-Butylbenzene	11.890	105	159339	20.917	ug/l	99
86) p-Isopropyltoluene	12.012	119	135159	20.942	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	72133	20.536	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	72489	20.151	ug/l	100
89) n-Butylbenzene	12.335	91	114176	20.535	ug/l	100
90) Hexachloroethane	12.536	117	22060	20.804	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	69740	20.411	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10369	22.613	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	43526	20.665	ug/l	99
94) Hexachlorobutadiene	13.725	225	18376	19.776	ug/l	99
95) Naphthalene	13.774	128	144444	21.199	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	43306	20.503	ug/l	99

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

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