

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032983.D
 Acq On : 22 Nov 2022 17:13
 Operator : JC/MD
 Sample : VX1122WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1122WBS01

Quant Time: Nov 23 05:49:26 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	125502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197036	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	180348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92049	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60298	49.113	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.220%		
35) Dibromofluoromethane	5.391	113	51286	46.170	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.340%		
50) Toluene-d8	8.647	98	159215	47.531	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.060%		
62) 4-Bromofluorobenzene	11.079	95	67562	46.302	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	18046	18.821	ug/l	100
3) Chloromethane	1.294	50	19594	18.930	ug/l	97
4) Vinyl Chloride	1.374	62	21506	18.660	ug/l	97
5) Bromomethane	1.617	94	16587	19.408	ug/l	94
6) Chloroethane	1.691	64	17499	18.650	ug/l	100
7) Trichlorofluoromethane	1.892	101	43236	19.329	ug/l	98
8) Diethyl Ether	2.136	74	14071	19.980	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	22455	19.099	ug/l	97
10) Methyl Iodide	2.453	142	24654	18.318	ug/l	99
11) Tert butyl alcohol	3.007	59	21978m	113.439	ug/l	
12) 1,1-Dichloroethene	2.325	96	21235	19.389	ug/l	97
13) Acrolein	2.239	56	21232	95.406	ug/l	100
14) Allyl chloride	2.666	41	33772	19.100	ug/l	99
15) Acrylonitrile	3.068	53	56449	103.010	ug/l	100
16) Acetone	2.398	43	53954	94.525	ug/l	95
17) Carbon Disulfide	2.514	76	52806	17.452	ug/l	99
18) Methyl Acetate	2.709	43	31878	20.175	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	73537	19.361	ug/l	98
20) Methylene Chloride	2.794	84	24736	20.050	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	23948	19.115	ug/l	97
22) Diisopropyl ether	3.757	45	75122	19.512	ug/l #	79
23) Vinyl Acetate	3.721	43	294311	97.656	ug/l	99
24) 1,1-Dichloroethane	3.611	63	42787	19.420	ug/l	99
25) 2-Butanone	4.568	43	80790	102.646	ug/l	96
26) 2,2-Dichloropropane	4.477	77	32913	18.579	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	27496	19.317	ug/l	100
28) Bromochloromethane	4.903	49	19605	20.251	ug/l	100
29) Tetrahydrofuran	5.013	42	50211	100.537	ug/l	99
30) Chloroform	5.092	83	47782	19.364	ug/l	100
31) Cyclohexane	5.470	56	36937	18.652	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	41713	18.876	ug/l	98
36) 1,1-Dichloropropene	5.696	75	33682	18.963	ug/l	100
37) Ethyl Acetate	4.714	43	31089	20.063	ug/l	99
38) Carbon Tetrachloride	5.678	117	37519	19.042	ug/l	98
39) Methylcyclohexane	7.385	83	38535	19.015	ug/l	98
40) Benzene	6.043	78	97764	19.632	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17863	20.487	ug/l	97
42) 1,2-Dichloroethane	6.092	62	40312	20.105	ug/l	99
43) Isopropyl Acetate	6.342	43	51104	19.941	ug/l	99
44) Trichloroethene	7.129	130	27542	19.709	ug/l	95
45) 1,2-Dichloropropane	7.434	63	24069	19.557	ug/l	100
46) Dibromomethane	7.580	93	19135	19.926	ug/l	100
47) Bromodichloromethane	7.824	83	36423	19.629	ug/l	98
48) Methyl methacrylate	7.696	41	26377	19.996	ug/l	99
49) 1,4-Dioxane	7.714	88	11793	485.662	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	168682	106.669	ug/l	99
52) Toluene	8.720	92	63386	19.347	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	35514	18.789	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	38235	19.114	ug/l	100
55) 1,1,2-Trichloroethane	9.153	97	25726	19.286	ug/l	96
56) Ethyl methacrylate	9.116	69	37228	20.256	ug/l	99
57) 1,3-Dichloropropane	9.311	76	42848	19.898	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	89171	102.175	ug/l	100
59) 2-Hexanone	9.433	43	127071	108.777	ug/l	100
60) Dibromochloromethane	9.518	129	28098	19.565	ug/l	99
61) 1,2-Dibromoethane	9.610	107	27403	19.463	ug/l	100
64) Tetrachloroethene	9.275	164	24366	19.087	ug/l	96
65) Chlorobenzene	10.079	112	69749	19.398	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	26068	19.786	ug/l	98
67) Ethyl Benzene	10.195	91	126208	19.787	ug/l	98
68) m/p-Xylenes	10.299	106	96658	38.699	ug/l	100
69) o-Xylene	10.640	106	47467	19.642	ug/l	99
70) Styrene	10.659	104	77677	19.647	ug/l	100
71) Bromoform	10.799	173	19544	19.348	ug/l #	98
73) Isopropylbenzene	10.963	105	126941	19.299	ug/l	100
74) N-amyl acetate	10.841	43	44748	19.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	39713	20.004	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	34740m	19.928	ug/l	
77) Bromobenzene	11.201	156	31279	19.336	ug/l	98
78) n-propylbenzene	11.305	91	144191	19.173	ug/l	100
79) 2-Chlorotoluene	11.366	91	86860	19.016	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	106764	19.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10080	18.795	ug/l	92
82) 4-Chlorotoluene	11.457	91	101637	18.988	ug/l	98
83) tert-Butylbenzene	11.713	119	106531	19.368	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	107311	19.476	ug/l	99
85) sec-Butylbenzene	11.890	105	127505	19.376	ug/l	100
86) p-Isopropyltoluene	12.012	119	108430	19.448	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	57584	18.978	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	58389	18.790	ug/l	99
89) n-Butylbenzene	12.335	91	90532	18.849	ug/l	99
90) Hexachloroethane	12.542	117	16545	18.063	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	56691	19.207	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8267	20.871	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	33646	18.493	ug/l	99
94) Hexachlorobutadiene	13.725	225	14530	18.102	ug/l	99
95) Naphthalene	13.774	128	115013	19.540	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	34070	18.673	ug/l	97

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

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