

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027145.D
 Acq On : 23 Feb 2022 14:54
 Operator : JC/MD
 Sample : VX0223WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0223WBS01

Quant Time: Feb 24 03:30:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	84594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59228	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46621	45.888	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.780%		
35) Dibromofluoromethane	5.391	113	38911	46.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.520%		
50) Toluene-d8	8.653	98	147005	47.245	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.480%		
62) 4-Bromofluorobenzene	11.079	95	55547	46.507	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	14648	17.420	ug/l	98
3) Chloromethane	1.294	50	14158	18.012	ug/l	100
4) Vinyl Chloride	1.374	62	12980	16.578	ug/l	100
5) Bromomethane	1.605	94	8545	24.490	ug/l	100
6) Chloroethane	1.685	64	8054	16.752	ug/l	100
7) Trichlorofluoromethane	1.892	101	20719	17.015	ug/l	99
8) Diethyl Ether	2.136	74	7227	17.051	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	14978	17.656	ug/l	96
10) Methyl Iodide	2.459	142	17090	15.003	ug/l	97
11) Tert butyl alcohol	2.965	59	16996	85.979	ug/l	98
12) 1,1-Dichloroethene	2.325	96	14357	17.433	ug/l	85
13) Acrolein	2.239	56	16030	87.734	ug/l	98
14) Allyl chloride	2.666	41	25326	17.466	ug/l	94
15) Acrylonitrile	3.068	53	45833	90.357	ug/l	99
16) Acetone	2.380	43	48754	109.296	ug/l	93
17) Carbon Disulfide	2.514	76	36437	17.015	ug/l	100
18) Methyl Acetate	2.709	43	20626	17.914	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	49233	17.422	ug/l	98
20) Methylene Chloride	2.794	84	16366	17.701	ug/l	91
21) trans-1,2-Dichloroethene	3.099	96	15525	17.677	ug/l	90
22) Diisopropyl ether	3.764	45	50520	17.872	ug/l	95
23) Vinyl Acetate	3.727	43	215523	90.289	ug/l	96
24) 1,1-Dichloroethane	3.611	63	27664	17.312	ug/l	100
25) 2-Butanone	4.562	43	68821	96.878	ug/l	96
26) 2,2-Dichloropropane	4.477	77	20260	17.477	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	17989	17.661	ug/l	96
28) Bromochloromethane	4.904	49	11133	17.221	ug/l	90
29) Tetrahydrofuran	5.007	42	42914	90.259	ug/l	97
30) Chloroform	5.099	83	29146	17.561	ug/l	99
31) Cyclohexane	5.471	56	26785	17.603	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	24653	17.158	ug/l	98
36) 1,1-Dichloropropene	5.696	75	21404	17.624	ug/l	97
37) Ethyl Acetate	4.715	43	24226	18.168	ug/l	98
38) Carbon Tetrachloride	5.684	117	22223	17.544	ug/l	94
39) Methylcyclohexane	7.385	83	27335	18.094	ug/l	96
40) Benzene	6.044	78	63864	17.982	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13372	18.281	ug/l	96
42) 1,2-Dichloroethane	6.092	62	22363	17.749	ug/l	95
43) Isopropyl Acetate	6.342	43	37003	18.039	ug/l	97
44) Trichloroethene	7.129	130	18564	17.473	ug/l	97
45) 1,2-Dichloropropane	7.434	63	15861	18.278	ug/l	97
46) Dibromomethane	7.586	93	11254	18.056	ug/l	96
47) Bromodichloromethane	7.824	83	21403	17.593	ug/l	98
48) Methyl methacrylate	7.696	41	18745	18.879	ug/l	95
49) 1,4-Dioxane	7.659	88	8581	382.282	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	125100	93.830	ug/l	98
52) Toluene	8.720	92	41233	18.131	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	20843	17.213	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	24620	18.130	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	16354	18.156	ug/l	99
56) Ethyl methacrylate	9.116	69	25330	18.062	ug/l	93
57) 1,3-Dichloropropane	9.311	76	27404	18.291	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	65331	96.647	ug/l	97
59) 2-Hexanone	9.433	43	98851	97.007	ug/l	97
60) Dibromochloromethane	9.525	129	16559	17.721	ug/l	98
61) 1,2-Dibromoethane	9.610	107	17297	18.032	ug/l	99
64) Tetrachloroethene	9.275	164	19510	17.894	ug/l	94
65) Chlorobenzene	10.079	112	44353	18.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	15828	17.768	ug/l	99
67) Ethyl Benzene	10.195	91	79477	18.430	ug/l	99
68) m/p-Xylenes	10.305	106	62390	37.633	ug/l	94
69) o-Xylene	10.640	106	30578	18.377	ug/l	94
70) Styrene	10.659	104	50175	18.429	ug/l	97
71) Bromoform	10.799	173	11554	17.323	ug/l #	99
73) Isopropylbenzene	10.963	105	79733	18.813	ug/l	98
74) N-amyl acetate	10.842	43	29588	18.349	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	23622	18.870	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22886m	19.184	ug/l	
77) Bromobenzene	11.201	156	19274	18.233	ug/l	92
78) n-propylbenzene	11.305	91	89951	18.674	ug/l	98
79) 2-Chlorotoluene	11.366	91	54615	18.502	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	67530	18.949	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6013	18.270	ug/l	97
82) 4-Chlorotoluene	11.457	91	62542	18.547	ug/l	97
83) tert-Butylbenzene	11.713	119	64192	18.525	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	67098	18.929	ug/l	98
85) sec-Butylbenzene	11.890	105	80791	18.594	ug/l	98
86) p-Isopropyltoluene	12.012	119	69614	18.794	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	36642	18.421	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	36864	18.125	ug/l	99
89) n-Butylbenzene	12.335	91	57659	18.624	ug/l	99
90) Hexachloroethane	12.542	117	9835	17.141	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	35576	18.330	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5273	18.144	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	22020	17.979	ug/l	98
94) Hexachlorobutadiene	13.725	225	9443	18.571	ug/l	100
95) Naphthalene	13.780	128	76945	18.488	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	22225	18.104	ug/l	98

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

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