

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020822\
 Data File : VX026841.D
 Acq On : 08 Feb 2022 23:20
 Operator : JC/MD
 Sample : VX0208WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0208WBS02

Quant Time: Feb 09 03:09:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/09/2022
 Supervised By : Mahesh Dadoda 02/09/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	101688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	167701	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65322	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60263	49.369	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.740%		
35) Dibromofluoromethane	5.391	113	48120	48.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.320%		
50) Toluene-d8	8.653	98	181255	49.422	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.840%		
62) 4-Bromofluorobenzene	11.079	95	63659	49.302	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21693	19.619	ug/l	100
3) Chloromethane	1.294	50	19977	19.421	ug/l	100
4) Vinyl Chloride	1.380	62	21106	19.601	ug/l	97
5) Bromomethane	1.617	94	9791	21.428	ug/l	95
6) Chloroethane	1.691	64	12361	19.153	ug/l	99
7) Trichlorofluoromethane	1.892	101	30213	19.067	ug/l	100
8) Diethyl Ether	2.136	74	11172	19.033	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.337	101	20082	19.335	ug/l	99
10) Methyl Iodide	2.459	142	22369	17.081	ug/l	97
11) Tert butyl alcohol	2.983	59	20924	94.886	ug/l	96
12) 1,1-Dichloroethene	2.325	96	19694	18.924	ug/l	94
13) Acrolein	2.239	56	20768	101.911	ug/l	98
14) Allyl chloride	2.672	41	35183	19.086	ug/l	97
15) Acrylonitrile	3.068	53	61461	97.261	ug/l	99
16) Acetone	2.386	43	50016	93.292	ug/l	97
17) Carbon Disulfide	2.520	76	53276	18.084	ug/l	100
18) Methyl Acetate	2.709	43	28450	18.444	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	68934	18.714	ug/l	99
20) Methylene Chloride	2.794	84	22039	18.972	ug/l	96
21) trans-1,2-Dichloroethene	3.099	96	20743	18.941	ug/l	98
22) Diisopropyl ether	3.763	45	72957	19.658	ug/l	96
23) Vinyl Acetate	3.727	43	306190	98.126	ug/l	98
24) 1,1-Dichloroethane	3.617	63	38729	19.285	ug/l	98
25) 2-Butanone	4.562	43	83563	96.741	ug/l	99
26) 2,2-Dichloropropane	4.483	77	25519	18.807	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	24613	19.575	ug/l	95
28) Bromochloromethane	4.903	49	17307	20.790	ug/l	96
29) Tetrahydrofuran	5.013	42	57418	97.778	ug/l	99
30) Chloroform	5.099	83	40575	19.446	ug/l	97
31) Cyclohexane	5.477	56	36873	19.011	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	34901	18.972	ug/l	100
36) 1,1-Dichloropropene	5.702	75	29942	18.996	ug/l	98
37) Ethyl Acetate	4.721	43	33522	18.714	ug/l	99
38) Carbon Tetrachloride	5.684	117	30476	18.438	ug/l	97
39) Methylcyclohexane	7.385	83	36944	19.113	ug/l	95
40) Benzene	6.044	78	88055	19.168	ug/l	99

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41) Methacrylonitrile	4.928	41	18651	19.211	ug/l	96
42) 1,2-Dichloroethane	6.092	62	31369	19.378	ug/l	98
43) Isopropyl Acetate	6.342	43	53644	19.464	ug/l	99
44) Trichloroethene	7.129	130	25475	18.469	ug/l	96
45) 1,2-Dichloropropane	7.434	63	22052	18.973	ug/l	99
46) Dibromomethane	7.586	93	15357	19.095	ug/l	98
47) Bromodichloromethane	7.824	83	29539	19.180	ug/l	99
48) Methyl methacrylate	7.696	41	26335	19.284	ug/l	98
49) 1,4-Dioxane	7.690	88	9349	397.284	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	165955	99.365	ug/l	99
52) Toluene	8.720	92	54704	18.809	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	28483	17.972	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	32602	19.170	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	21951	19.936	ug/l	98
56) Ethyl methacrylate	9.116	69	34157	19.570	ug/l	97
57) 1,3-Dichloropropane	9.311	76	37275	19.715	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	95592	106.707	ug/l	98
59) 2-Hexanone	9.433	43	121371	99.353	ug/l	97
60) Dibromochloromethane	9.525	129	21967	19.390	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23070	19.831	ug/l	97
64) Tetrachloroethene	9.275	164	27325	18.806	ug/l	95
65) Chlorobenzene	10.079	112	57097	19.084	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	20667	18.778	ug/l	99
67) Ethyl Benzene	10.195	91	101882	19.240	ug/l	99
68) m/p-Xylenes	10.305	106	76897	37.743	ug/l	99
69) o-Xylene	10.646	106	38078	19.074	ug/l	97
70) Styrene	10.659	104	61567	19.015	ug/l	99
71) Bromoform	10.799	173	13896	17.556	ug/l #	96
73) Isopropylbenzene	10.963	105	99651	19.368	ug/l	100
74) N-amyl acetate	10.841	43	39526	19.226	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	26803	19.196	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	27766m	19.418	ug/l	
77) Bromobenzene	11.201	156	22837	18.672	ug/l	98
78) n-propylbenzene	11.305	91	110639	19.396	ug/l	100
79) 2-Chlorotoluene	11.366	91	67229	19.075	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	82511	19.485	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7097	17.858	ug/l	97
82) 4-Chlorotoluene	11.457	91	75795	19.170	ug/l	98
83) tert-Butylbenzene	11.713	119	74849	18.545	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	81315	19.037	ug/l	98
85) sec-Butylbenzene	11.890	105	97458	19.049	ug/l	99
86) p-Isopropyltoluene	12.012	119	81945	18.907	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42404	18.921	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	41717	18.458	ug/l	97
89) n-Butylbenzene	12.335	91	66873	18.858	ug/l	99
90) Hexachloroethane	12.542	117	11732	18.728	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	40952	18.938	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6227	18.135	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	24542	17.983	ug/l	100
94) Hexachlorobutadiene	13.725	225	10099	17.495	ug/l	99
95) Naphthalene	13.780	128	87659	18.338	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24398	17.656	ug/l	98

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

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