

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032978.D
 Acq On : 22 Nov 2022 14:08
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112222

Quant Time: Nov 23 05:48:39 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	5.550	168	132706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	207623	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193557	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65713	50.721	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.440%			
35) Dibromofluoromethane	5.379	113	56085	47.915	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.840%			
50) Toluene-d8	8.647	98	178234	50.636	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.280%			
62) 4-Bromofluorobenzene	11.079	95	79913	51.973	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48442	47.780	ug/l	99
3) Chloromethane	1.294	50	51815	47.341	ug/l	97
4) Vinyl Chloride	1.374	62	59331	48.684	ug/l	99
5) Bromomethane	1.618	94	42692	47.241	ug/l	98
6) Chloroethane	1.691	64	49261	49.652	ug/l	98
7) Trichlorofluoromethane	1.886	101	121841	51.513	ug/l	99
8) Diethyl Ether	2.130	74	37640	50.546	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	64212	51.651	ug/l	98
10) Methyl Iodide	2.453	142	73305	51.508	ug/l	100
11) Tert butyl alcohol	3.014	59	53294m	260.143	ug/l	
12) 1,1-Dichloroethene	2.319	96	58395	50.424	ug/l	98
13) Acrolein	2.239	56	53379	226.839	ug/l	100
14) Allyl chloride	2.666	41	93013	49.748	ug/l	98
15) Acrylonitrile	3.069	53	144384	249.173	ug/l	99
16) Acetone	2.392	43	151890	251.659	ug/l	98
17) Carbon Disulfide	2.514	76	152029	47.516	ug/l	98
18) Methyl Acetate	2.703	43	82251	49.230	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	203946	50.779	ug/l	100
20) Methylene Chloride	2.788	84	65805	52.463	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	64831	48.939	ug/l	98
22) Diisopropyl ether	3.757	45	213725	52.498	ug/l	97
23) Vinyl Acetate	3.721	43	838497	263.119	ug/l	99
24) 1,1-Dichloroethane	3.611	63	116289	49.916	ug/l	100
25) 2-Butanone	4.562	43	212997	255.929	ug/l	100
26) 2,2-Dichloropropane	4.471	77	97445	52.020	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	77040	51.185	ug/l	99
28) Bromochloromethane	4.891	49	50451	49.285	ug/l	99
29) Tetrahydrofuran	5.007	42	133202	252.230	ug/l	100
30) Chloroform	5.086	83	134266	51.458	ug/l	99
31) Cyclohexane	5.471	56	107307	51.245	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	120868	51.726	ug/l	100
36) 1,1-Dichloropropene	5.690	75	95912	51.246	ug/l	99
37) Ethyl Acetate	4.708	43	84647	51.840	ug/l	98
38) Carbon Tetrachloride	5.672	117	107478	51.766	ug/l	99
39) Methylcyclohexane	7.379	83	114275	53.513	ug/l	98
40) Benzene	6.031	78	269320	51.324	ug/l	99

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41) Methacrylonitrile	4.916	41	48770	53.082	ug/l	96
42) 1,2-Dichloroethane	6.080	62	110700	52.394	ug/l	99
43) Isopropyl Acetate	6.336	43	142725	52.853	ug/l	100
44) Trichloroethene	7.123	130	76906	52.229	ug/l	95
45) 1,2-Dichloropropane	7.427	63	69048	53.244	ug/l	99
46) Dibromomethane	7.580	93	52315	51.701	ug/l	99
47) Bromodichloromethane	7.818	83	104059	53.220	ug/l	99
48) Methyl methacrylate	7.690	41	73309	52.740	ug/l	99
49) 1,4-Dioxane	7.720	88	28565	1116.385	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	447172	268.357	ug/l	100
52) Toluene	8.714	92	181467	52.564	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	107067	50.934	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	115260	54.681	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	72185	51.357	ug/l	99
56) Ethyl methacrylate	9.116	69	106585	55.037	ug/l	98
57) 1,3-Dichloropropane	9.305	76	119379	52.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	242363	263.548	ug/l	99
59) 2-Hexanone	9.427	43	339628	275.908	ug/l	100
60) Dibromochloromethane	9.519	129	82093	54.249	ug/l	99
61) 1,2-Dibromoethane	9.610	107	78811	53.123	ug/l	99
64) Tetrachloroethene	9.275	164	68703	50.145	ug/l	98
65) Chlorobenzene	10.079	112	198769	51.508	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76093	53.815	ug/l	98
67) Ethyl Benzene	10.195	91	365537	53.399	ug/l	100
68) m/p-Xylenes	10.299	106	287595	107.288	ug/l	99
69) o-Xylene	10.640	106	138515	53.405	ug/l	99
70) Styrene	10.653	104	235466	55.492	ug/l	99
71) Bromoform	10.799	173	58455	53.920	ug/l #	97
73) Isopropylbenzene	10.963	105	373052	50.126	ug/l	100
74) N-amyl acetate	10.842	43	132210	52.222	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	109368	48.690	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	99940m	50.669	ug/l	
77) Bromobenzene	11.195	156	89572	48.938	ug/l	99
78) n-propylbenzene	11.305	91	441035	51.831	ug/l	100
79) 2-Chlorotoluene	11.366	91	258547	50.028	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	326963	52.297	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	31480	51.878	ug/l	100
82) 4-Chlorotoluene	11.451	91	307058	50.701	ug/l	99
83) tert-Butylbenzene	11.713	119	313492	50.373	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	324116	51.991	ug/l	99
85) sec-Butylbenzene	11.890	105	391240	52.547	ug/l	100
86) p-Isopropyltoluene	12.006	119	334039	52.954	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	172303	50.190	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	174909	49.748	ug/l	99
89) n-Butylbenzene	12.335	91	293906	54.083	ug/l	100
90) Hexachloroethane	12.536	117	52916	51.059	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	167231	50.076	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22687	50.622	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	106657	51.811	ug/l	98
94) Hexachlorobutadiene	13.725	225	44957	49.501	ug/l	98
95) Naphthalene	13.774	128	340570	51.139	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	105224	50.971	ug/l	100

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

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