

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112124\
 Data File : VX043929.D
 Acq On : 21 Nov 2024 11:40
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 21 12:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 11:25:29 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/22/2024
 Supervised By : Mahesh Dadoda 11/22/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	138314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	246419	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	236531	111.333	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 222.660%#			
35) Dibromofluoromethane	5.379	113	176869	106.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.780%#			
50) Toluene-d8	8.647	98	607337	109.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 219.740%#			
62) 4-Bromofluorobenzene	11.079	95	215953	118.228	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 236.460%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	166145	118.713	ug/l	97
3) Chloromethane	1.295	50	183899	105.136	ug/l	100
4) Vinyl Chloride	1.374	62	192221	109.377	ug/l	98
5) Bromomethane	1.593	94	118792	148.807	ug/l	99
6) Chloroethane	1.660	64	101816	121.286	ug/l	98
7) Trichlorofluoromethane	1.868	101	354375	141.438	ug/l	100
8) Diethyl Ether	2.136	74	125840	133.219	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	162988	109.922	ug/l	96
10) Methyl Iodide	2.441	142	213858	102.481	ug/l	96
11) Tert butyl alcohol	3.002	59	184757	546.882	ug/l	100
12) 1,1-Dichloroethene	2.307	96	158111	109.868	ug/l	89
13) Acrolein	2.240	56	200929	530.320	ug/l	99
14) Allyl chloride	2.654	41	276068	118.320	ug/l	90
15) Acrylonitrile	3.069	53	458624	527.361	ug/l	97
16) Acetone	2.386	43	511112	598.985	ug/l	92
17) Carbon Disulfide	2.502	76	367958	117.100	ug/l	99
18) Methyl Acetate	2.703	43	247225	105.800	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	597600	112.347	ug/l	99
20) Methylene Chloride	2.782	84	178008	99.663	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	165989	105.798	ug/l	98
22) Diisopropyl ether	3.764	45	572855	112.380	ug/l	97
23) Vinyl Acetate	3.721	43	2570419	622.111	ug/l	97
24) 1,1-Dichloroethane	3.605	63	327756	109.327	ug/l	99
25) 2-Butanone	4.562	43	690992	578.867	ug/l	98
26) 2,2-Dichloropropane	4.471	77	299254	121.468	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	206207	105.613	ug/l	94
28) Bromochloromethane	4.898	49	138227	109.575	ug/l	91
29) Tetrahydrofuran	5.007	42	419337	543.649	ug/l	97
30) Chloroform	5.087	83	350923	112.294	ug/l	97
31) Cyclohexane	5.458	56	256114	105.404	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	309469	115.841	ug/l	98
36) 1,1-Dichloropropene	5.684	75	222573	107.931	ug/l	99
37) Ethyl Acetate	4.715	43	265631	114.453	ug/l	97
38) Carbon Tetrachloride	5.672	117	256290	117.390	ug/l	97
39) Methylcyclohexane	7.373	83	283075	109.652	ug/l	98
40) Benzene	6.032	78	684139	105.520	ug/l	98

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41) Methacrylonitrile	4.922	41	143256	118.447	ug/l	94
42) 1,2-Dichloroethane	6.080	62	271641	115.387	ug/l	98
43) Isopropyl Acetate	6.342	43	440615	120.346	ug/l	94
44) Trichloroethene	7.123	130	169796	94.997	ug/l	98
45) 1,2-Dichloropropane	7.428	63	170741	107.450	ug/l	99
46) Dibromomethane	7.574	93	135928	113.518	ug/l	96
47) Bromodichloromethane	7.818	83	260442	123.792	ug/l	97
48) Methyl methacrylate	7.690	41	210614	116.061	ug/l	88
49) 1,4-Dioxane	7.665	88	62845	1625.913	ug/l #	72
51) 4-Methyl-2-Pentanone	8.574	43	1329064	582.189	ug/l	95
52) Toluene	8.714	92	418999	112.018	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	270418	126.680	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	285627	118.077	ug/l #	89
55) 1,1,2-Trichloroethane	9.147	97	167357	114.675	ug/l	97
56) Ethyl methacrylate	9.116	69	286893	124.157	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	285511	116.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	698756	576.637	ug/l	98
59) 2-Hexanone	9.433	43	1011261	627.842	ug/l	95
60) Dibromochloromethane	9.519	129	187476	131.832	ug/l	99
61) 1,2-Dibromoethane	9.610	107	176345	115.841	ug/l	99
64) Tetrachloroethene	9.269	164	135740	98.157	ug/l	97
65) Chlorobenzene	10.080	112	461076	102.382	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	164586	109.812	ug/l	97
67) Ethyl Benzene	10.189	91	812289	107.178	ug/l	98
68) m/p-Xylenes	10.299	106	603451	213.769	ug/l	96
69) o-Xylene	10.640	106	298739	108.462	ug/l	98
70) Styrene	10.653	104	511251	112.628	ug/l	98
71) Bromoform	10.799	173	123114	125.866	ug/l #	98
73) Isopropylbenzene	10.957	105	765623	103.086	ug/l	99
74) N-amyl acetate	10.842	43	394438	119.112	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	262302	104.456	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	219028m	103.148	ug/l	
77) Bromobenzene	11.195	156	183742	100.944	ug/l	98
78) n-propylbenzene	11.305	91	891893	108.835	ug/l	99
79) 2-Chlorotoluene	11.360	91	537190	103.022	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	648916	105.408	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	88041	116.733	ug/l	97
82) 4-Chlorotoluene	11.451	91	629590	104.841	ug/l	100
83) tert-Butylbenzene	11.713	119	655918	104.157	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	650156	103.992	ug/l	100
85) sec-Butylbenzene	11.890	105	793233	105.481	ug/l	100
86) p-Isopropyltoluene	12.006	119	669819	106.078	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	337665	100.095	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	343312	99.262	ug/l	99
89) n-Butylbenzene	12.329	91	605284	112.498	ug/l	99
90) Hexachloroethane	12.536	117	120913	113.763	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	341767	96.765	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	57287	110.517	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	210571	102.015	ug/l	98
94) Hexachlorobutadiene	13.725	225	79822	94.363	ug/l	95
95) Naphthalene	13.774	128	776740	100.923	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	211814	98.491	ug/l	99

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

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