

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032968.D
 Acq On : 22 Nov 2022 09:29
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

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

Quant Time: Nov 22 10:05:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	117494	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	183708	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	163603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77144	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	3724	2.281	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	4.560%#		
35) Dibromofluoromethane	5.391	113	2757	2.104	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	4.200%#		
50) Toluene-d8	8.653	98	8804	1.932	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	3.860%#		
62) 4-Bromofluorobenzene	11.079	95	3267	1.835	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	3.680%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	1003	0.740	ug/l	83
3) Chloromethane	1.295	50	1077	0.940	ug/l	94
4) Vinyl Chloride	1.374	62	1179	0.935	ug/l	89
5) Bromomethane	1.612	94	1007	0.999	ug/l	96
6) Chloroethane	1.691	64	943	1.114	ug/l #	86
7) Trichlorofluoromethane	1.892	101	2291	0.959	ug/l	92
8) Diethyl Ether	2.130	74	639	0.825	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	1166	0.924	ug/l	95
10) Methyl Iodide	2.459	142	916	0.699	ug/l #	97
11) Tert butyl alcohol	2.941	59	251	1.056	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	1053	0.894	ug/l	94
13) Acrolein	2.239	56	1485	6.260	ug/l	99
14) Allyl chloride	2.666	41	1473	0.784	ug/l	91
15) Acrylonitrile	3.075	53	2333	3.618	ug/l	99
16) Acetone	2.392	43	3151	5.310	ug/l	93
17) Carbon Disulfide	2.514	76	2861	1.019	ug/l	100
18) Methyl Acetate	2.709	43	1331	0.690	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	3521	0.850	ug/l	94
20) Methylene Chloride	2.794	84	1938	1.425	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	1121	0.874	ug/l #	80
22) Diisopropyl ether	3.757	45	3437	0.846	ug/l #	74
23) Vinyl Acetate	3.727	43	12145	3.700	ug/l	95
24) 1,1-Dichloroethane	3.617	63	2226	0.953	ug/l #	82
25) 2-Butanone	4.574	43	3403	3.702	ug/l	91
26) 2,2-Dichloropropane	4.477	77	1563	0.841	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	1215	0.820	ug/l	89
29) Tetrahydrofuran	5.026	42	1966	3.354	ug/l	96
30) Chloroform	5.087	83	2233	0.871	ug/l	99
31) Cyclohexane	5.483	56	1695	0.856	ug/l #	88
32) 1,1,1-Trichloroethane	5.385	97	1965	0.854	ug/l #	51
36) 1,1-Dichloropropene	5.702	75	1575	0.863	ug/l #	74
37) Ethyl Acetate	4.721	43	1540	0.811	ug/l #	73
38) Carbon Tetrachloride	5.678	117	1893	0.935	ug/l #	93
39) Methylcyclohexane	7.379	83	1823	0.844	ug/l	86
40) Benzene	6.044	78	4557	0.882	ug/l	95
41) Methacrylonitrile	4.922	41	656	0.678	ug/l #	55

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.086	62	1842	0.873	ug/l	85
43) Isopropyl Acetate	6.348	43	2004	0.687	ug/l #	90
44) Trichloroethene	7.123	130	1414	0.973	ug/l	81
45) 1,2-Dichloropropane	7.428	63	1042	0.786	ug/l #	74
46) Dibromomethane	7.580	93	892	0.877	ug/l	95
47) Bromodichloromethane	7.824	83	1581	0.821	ug/l #	94
48) Methyl methacrylate	7.696	41	961	0.638	ug/l	95
49) 1,4-Dioxane	7.751	88	379m	13.203	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	6040	3.288	ug/l	98
52) Toluene	8.720	92	2831	0.840	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	1322	0.672	ug/l #	83
54) cis-1,3-Dichloropropene	8.366	75	1573	0.748	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	1155	0.814	ug/l #	90
56) Ethyl methacrylate	9.116	69	1413	0.692	ug/l	88
57) 1,3-Dichloropropane	9.311	76	2012	0.878	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.245	63	4631	4.710	ug/l	97
59) 2-Hexanone	9.433	43	4643	3.406	ug/l	97
60) Dibromochloromethane	9.525	129	1094	0.706	ug/l	91
61) 1,2-Dibromoethane	9.616	107	1096	0.729	ug/l	91
64) Tetrachloroethene	9.269	164	1153	0.963	ug/l	93
65) Chlorobenzene	10.080	112	3247	0.886	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	1128	0.818	ug/l #	60
67) Ethyl Benzene	10.195	91	5320	0.812	ug/l	98
68) m/p-Xylenes	10.305	106	4233	1.663	ug/l	98
69) o-Xylene	10.640	106	1940	0.784	ug/l	95
70) Styrene	10.659	104	2900	0.705	ug/l	95
71) Bromoform	10.799	173	732	0.671	ug/l #	92
73) Isopropylbenzene	10.964	105	5276	0.863	ug/l	98
74) N-amyl acetate	10.848	43	1412	0.611	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	1633	0.832	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	1627	0.948	ug/l	92
77) Bromobenzene	11.201	156	1312	0.875	ug/l	94
78) n-propylbenzene	11.305	91	5443	0.773	ug/l	99
79) 2-Chlorotoluene	11.366	91	3738	0.886	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	4021	0.770	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	312	0.578	ug/l #	83
82) 4-Chlorotoluene	11.457	91	4046	0.820	ug/l	97
83) tert-Butylbenzene	11.713	119	4091	0.784	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	3886	0.748	ug/l	99
85) sec-Butylbenzene	11.890	105	4749	0.757	ug/l	99
86) p-Isopropyltoluene	12.012	119	4014	0.754	ug/l	86
87) 1,3-Dichlorobenzene	11.969	146	2579	0.912	ug/l	97
88) 1,4-Dichlorobenzene	11.969	146	2579	0.879	ug/l	96
89) n-Butylbenzene	12.335	91	3455	0.746	ug/l	97
90) Hexachloroethane	12.543	117	686	0.789	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	2402	0.862	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	244	0.567	ug/l	69
93) 1,2,4-Trichlorobenzene	13.591	180	1282	0.705	ug/l	95
94) Hexachlorobutadiene	13.725	225	640	0.843	ug/l	91
95) Naphthalene	13.780	128	4068	0.672	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	1409	0.763	ug/l	98

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

