

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025188.D
 Acq On : 17 Nov 2021 13:59
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 17 15:30:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:28:00 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	121590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190642	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	6725	5.247	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.500%#		
35) Dibromofluoromethane	5.385	113	6023	5.149	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.300%#		
50) Toluene-d8	8.653	98	21981	4.998	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.000%#		
62) 4-Bromofluorobenzene	11.085	95	8212	4.936	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	9.880%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	4805	4.559	ug/l	95
3) Chloromethane	1.294	50	6181	4.736	ug/l	99
4) Vinyl Chloride	1.373	62	7135	4.980	ug/l	98
5) Bromomethane	1.599	94	3743	6.076	ug/l	100
6) Chloroethane	1.678	64	5026	5.084	ug/l	99
7) Trichlorofluoromethane	1.885	101	11048	5.195	ug/l	97
8) Diethyl Ether	2.135	74	4409	5.024	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.324	101	5964	5.271	ug/l	96
10) Methyl Iodide	2.452	142	6097	4.309	ug/l	89
11) Tert butyl alcohol	2.965	59	11612	33.637	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	5670	5.031	ug/l	86
13) Acrolein	2.239	56	1491	25.394	ug/l #	75
14) Allyl chloride	2.660	41	10186	4.994	ug/l	96
15) Acrylonitrile	3.068	53	17729	25.778	ug/l	99
16) Acetone	2.379	43	18714	26.278	ug/l	97
17) Carbon Disulfide	2.507	76	17058	5.381	ug/l	100
18) Methyl Acetate	2.702	43	12120	5.327	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	20199	5.144	ug/l	99
20) Methylene Chloride	2.788	84	7288	5.444	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	6618	5.361	ug/l	88
22) Diisopropyl ether	3.769	45	19355	4.983	ug/l	95
23) Vinyl Acetate	3.727	43	78669	25.215	ug/l	97
24) 1,1-Dichloroethane	3.611	63	11016	5.191	ug/l	95
25) 2-Butanone	4.562	43	26849	26.076	ug/l	100
26) 2,2-Dichloropropane	4.476	77	10026	5.211	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	7493	5.197	ug/l	91
28) Bromochloromethane	4.897	49	5200	5.254	ug/l	93
29) Tetrahydrofuran	5.019	42	16620	26.070	ug/l	100
30) Chloroform	5.092	83	11322	5.126	ug/l	97
31) Cyclohexane	5.470	56	10752	5.429	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	10569	5.227	ug/l	96
36) 1,1-Dichloropropene	5.696	75	8581	5.159	ug/l	97
37) Ethyl Acetate	4.714	43	9871	5.216	ug/l	99
38) Carbon Tetrachloride	5.677	117	9375	5.117	ug/l	94
39) Methylcyclohexane	7.378	83	11062	5.185	ug/l	90
40) Benzene	6.043	78	26058	5.172	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	5124	4.878	ug/l	95
42) 1,2-Dichloroethane	6.092	62	8309	5.068	ug/l	92
43) Isopropyl Acetate	6.342	43	16064	5.101	ug/l	100
44) Trichloroethene	7.128	130	7565	5.168	ug/l	93
45) 1,2-Dichloropropane	7.433	63	6281	5.076	ug/l	98
46) Dibromomethane	7.586	93	4556	5.071	ug/l	91
47) Bromodichloromethane	7.823	83	8690	4.922	ug/l	96
48) Methyl methacrylate	7.695	41	7203	4.873	ug/l	95
49) 1,4-Dioxane	7.665	88	3290	105.405	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	49567	25.100	ug/l	99
52) Toluene	8.720	92	16523	5.023	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	9470	4.824	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	10451	4.911	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	6737	5.153	ug/l	96
56) Ethyl methacrylate	9.122	69	10372	4.889	ug/l	96
57) 1,3-Dichloropropane	9.311	76	10928	5.043	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	23227	23.530	ug/l	95
59) 2-Hexanone	9.433	43	38876	24.970	ug/l	96
60) Dibromochloromethane	9.524	129	7314	4.861	ug/l	95
61) 1,2-Dibromoethane	9.610	107	7362	5.199	ug/l	97
64) Tetrachloroethene	9.274	164	7498	5.231	ug/l	92
65) Chlorobenzene	10.079	112	18027	5.089	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	7139	5.255	ug/l	99
67) Ethyl Benzene	10.195	91	31560	5.155	ug/l	94
68) m/p-Xylenes	10.305	106	25554	10.219	ug/l	94
69) o-Xylene	10.646	106	12512	5.112	ug/l	90
70) Styrene	10.658	104	19976	4.941	ug/l	97
71) Bromoform	10.805	173	5923	5.022	ug/l #	98
73) Isopropylbenzene	10.963	105	31559	5.255	ug/l	96
74) N-amyl acetate	10.841	43	12662	4.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	10397	5.352	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	9005m	4.773	ug/l	
77) Bromobenzene	11.201	156	8276	5.358	ug/l	93
78) n-propylbenzene	11.304	91	34411	5.104	ug/l	96
79) 2-Chlorotoluene	11.365	91	21673	5.281	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	26430	5.235	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.024	75	3449	5.035	ug/l	86
82) 4-Chlorotoluene	11.457	91	24375	5.203	ug/l	95
83) tert-Butylbenzene	11.719	119	27370	5.335	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	26420	5.295	ug/l	97
85) sec-Butylbenzene	11.890	105	32241	5.169	ug/l	96
86) p-Isopropyltoluene	12.012	119	27314	5.097	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	15094	5.250	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	15181	5.211	ug/l	98
89) n-Butylbenzene	12.335	91	22078	4.888	ug/l	97
90) Hexachloroethane	12.542	117	4870	4.931	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	14537	5.188	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	2074	5.111	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	7918	4.801	ug/l	98
94) Hexachlorobutadiene	13.725	225	4275	5.399	ug/l	99
95) Naphthalene	13.780	128	23961	4.668	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	7680	4.760	ug/l	95

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

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