

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025182.D
 Acq On : 17 Nov 2021 11:18
 Operator : JC/MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 17 13:03:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 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	124844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	25422	19.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	38.780%#		
35) Dibromofluoromethane	5.391	113	23131	19.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	38.280%#		
50) Toluene-d8	8.653	98	86274	18.969	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	37.940%#		
62) 4-Bromofluorobenzene	11.085	95	31304	18.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	36.620%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	23466	19.961	ug/l	99
3) Chloromethane	1.295	50	26740	19.035	ug/l	97
4) Vinyl Chloride	1.374	62	29355	18.836	ug/l	98
5) Bromomethane	1.599	94	21216	28.522	ug/l	98
6) Chloroethane	1.685	64	19346	18.818	ug/l	96
7) Trichlorofluoromethane	1.886	101	42093	18.110	ug/l	99
8) Diethyl Ether	2.136	74	17167	18.234	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	22584	18.671	ug/l	97
10) Methyl Iodide	2.453	142	27052	17.989	ug/l	92
11) Tert butyl alcohol	2.959	59	33729	93.145	ug/l	97
12) 1,1-Dichloroethene	2.319	96	21651	18.070	ug/l	91
13) Acrolein	2.240	56	6387	95.288	ug/l	91
14) Allyl chloride	2.666	41	38616	18.383	ug/l	93
15) Acrylonitrile	3.063	53	67301	91.597	ug/l	99
16) Acetone	2.380	43	73421	96.104	ug/l	95
17) Carbon Disulfide	2.514	76	61015	18.150	ug/l	99
18) Methyl Acetate	2.703	43	42934	17.953	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	76177	18.491	ug/l	99
20) Methylene Chloride	2.788	84	24455	17.599	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	24122	18.421	ug/l	88
22) Diisopropyl ether	3.764	45	74137	17.985	ug/l	99
23) Vinyl Acetate	3.721	43	299291	90.588	ug/l	96
24) 1,1-Dichloroethane	3.611	63	41563	18.449	ug/l	98
25) 2-Butanone	4.556	43	102670	92.078	ug/l	98
26) 2,2-Dichloropropane	4.477	77	37700	18.206	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	28368	18.585	ug/l	89
28) Bromochloromethane	4.904	49	20229	19.368	ug/l	92
29) Tetrahydrofuran	5.007	42	61321	90.880	ug/l	97
30) Chloroform	5.099	83	43421	18.590	ug/l	99
31) Cyclohexane	5.477	56	38222	18.189	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	38740	18.276	ug/l	98
36) 1,1-Dichloropropene	5.696	75	31491	18.134	ug/l	98
37) Ethyl Acetate	4.715	43	36120	17.626	ug/l	99
38) Carbon Tetrachloride	5.684	117	35732	18.502	ug/l	99
39) Methylcyclohexane	7.385	83	40712	17.742	ug/l	93
40) Benzene	6.044	78	96270	18.240	ug/l	100

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41) Methacrylonitrile	4.922	41	19269	17.010	ug/l	96
42) 1,2-Dichloroethane	6.092	62	31415	18.501	ug/l	92
43) Isopropyl Acetate	6.342	43	60362	18.012	ug/l	98
44) Trichloroethene	7.129	130	28138	18.437	ug/l	99
45) 1,2-Dichloropropane	7.434	63	23721	18.042	ug/l	96
46) Dibromomethane	7.580	93	17468	18.471	ug/l	91
47) Bromodichloromethane	7.824	83	33779	18.272	ug/l	99
48) Methyl methacrylate	7.696	41	27388	17.625	ug/l	96
49) 1,4-Dioxane	7.659	88	13037	383.327	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	187293	88.479	ug/l	98
52) Toluene	8.720	92	63254	18.257	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	37315	17.942	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	40483	18.329	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	25129	17.921	ug/l	96
56) Ethyl methacrylate	9.116	69	40095	18.100	ug/l	95
57) 1,3-Dichloropropane	9.311	76	41329	18.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	93152	92.794	ug/l	94
59) 2-Hexanone	9.433	43	149833	90.578	ug/l	95
60) Dibromochloromethane	9.525	129	28857	18.343	ug/l	100
61) 1,2-Dibromoethane	9.610	107	27247	18.472	ug/l	98
64) Tetrachloroethene	9.275	164	28512	18.941	ug/l	96
65) Chlorobenzene	10.080	112	68934	18.590	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	26162	18.143	ug/l	99
67) Ethyl Benzene	10.195	91	118442	18.289	ug/l	98
68) m/p-Xylenes	10.305	106	95900	36.752	ug/l	93
69) o-Xylene	10.640	106	46974	18.162	ug/l	92
70) Styrene	10.659	104	77173	18.086	ug/l	96
71) Bromoform	10.799	173	22418	17.945	ug/l #	100
73) Isopropylbenzene	10.964	105	119728	18.738	ug/l	97
74) N-amyl acetate	10.842	43	48931	17.586	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	37831	18.394	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	35096m	19.148	ug/l	
77) Bromobenzene	11.201	156	31200	18.818	ug/l	91
78) n-propylbenzene	11.305	91	133966	18.616	ug/l	97
79) 2-Chlorotoluene	11.366	91	79900	18.383	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	100687	18.793	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13381	18.017	ug/l	86
82) 4-Chlorotoluene	11.457	91	91753	18.297	ug/l	96
83) tert-Butylbenzene	11.720	119	101910	18.696	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	100063	18.618	ug/l	95
85) sec-Butylbenzene	11.890	105	123870	18.492	ug/l	98
86) p-Isopropyltoluene	12.012	119	104091	18.269	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	57200	18.800	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	56814	18.577	ug/l	98
89) n-Butylbenzene	12.335	91	85831	17.886	ug/l	96
90) Hexachloroethane	12.543	117	19359	18.783	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	56502	19.173	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8371	19.408	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	33663	19.647	ug/l	99
94) Hexachlorobutadiene	13.725	225	15177	18.583	ug/l	97
95) Naphthalene	13.780	128	108442	20.248	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	33252	19.811	ug/l	99

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

