

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029812.D
 Acq On : 27 Jun 2022 12:12
 Operator : JC/MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/28/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 27 13:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 13:34:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	287274	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	570186	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	496785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	215003	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45769	11.711	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.420%#		
35) Dibromofluoromethane	5.391	113	36710	9.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.940%#		
50) Toluene-d8	8.653	98	147943	10.885	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.780%#		
62) 4-Bromofluorobenzene	11.085	95	53279	10.469	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	20.940%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	39954	11.372	ug/l	97
3) Chloromethane	1.288	50	43209	11.305	ug/l	99
4) Vinyl Chloride	1.374	62	46961	13.076	ug/l	99
5) Bromomethane	1.611	94	13479	8.381	ug/l	97
6) Chloroethane	1.685	64	25567	12.627	ug/l	99
7) Trichlorofluoromethane	1.886	101	51739	10.792	ug/l	98
8) Diethyl Ether	2.136	74	24325	12.537	ug/l	78
9) 1,1,2-Trichlorotrifluo...	2.331	101	36572	11.927	ug/l	92
10) Methyl Iodide	2.453	142	40193	12.851	ug/l	96
11) Tert butyl alcohol	2.983	59	66174	65.684	ug/l	95
12) 1,1-Dichloroethene	2.319	96	36126	12.030	ug/l	98
13) Acrolein	2.239	56	40459	128.116	ug/l	98
14) Allyl chloride	2.666	41	68065	13.619	ug/l	93
15) Acrylonitrile	3.068	53	136118	71.172	ug/l	99
16) Acetone	2.386	43	108868	67.430	ug/l	100
17) Carbon Disulfide	2.514	76	98403	12.553	ug/l	99
18) Methyl Acetate	2.709	43	64624	14.895	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	126975	12.211	ug/l	95
20) Methylene Chloride	2.788	84	44435	12.608	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	39636	12.112	ug/l	93
22) Diisopropyl ether	3.763	45	134762	13.604	ug/l #	82
23) Vinyl Acetate	3.727	43	593987	71.347	ug/l	95
24) 1,1-Dichloroethane	3.611	63	74663	12.789	ug/l	99
25) 2-Butanone	4.562	43	187047	72.235	ug/l	95
26) 2,2-Dichloropropane	4.477	77	51234	11.556	ug/l	95
27) cis-1,2-Dichloroethene	4.495	96	48256	12.575	ug/l	97
28) Bromochloromethane	4.904	49	25229	11.410	ug/l	88
29) Tetrahydrofuran	5.013	42	126570	73.140	ug/l	90
30) Chloroform	5.099	83	71838	11.859	ug/l	92
31) Cyclohexane	5.471	56	70107	12.850	ug/l #	83
32) 1,1,1-Trichloroethane	5.385	97	56030	10.683	ug/l	97
36) 1,1-Dichloropropene	5.702	75	55052	10.861	ug/l	96
37) Ethyl Acetate	4.721	43	70123	13.041	ug/l	98
38) Carbon Tetrachloride	5.678	117	43812	9.077	ug/l	92
39) Methylcyclohexane	7.385	83	70155	11.111	ug/l	93
40) Benzene	6.044	78	175848	11.585	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39048	13.711	ug/l	93
42) 1,2-Dichloroethane	6.092	62	55083	10.664	ug/l	99
43) Isopropyl Acetate	6.348	43	104335	12.540	ug/l	97
44) Trichloroethene	7.129	130	44070	8.718	ug/l	90
45) 1,2-Dichloropropane	7.434	63	46179	12.300	ug/l	95
46) Dibromomethane	7.586	93	29726	11.277	ug/l #	86
47) Bromodichloromethane	7.824	83	53304	10.578	ug/l #	99
48) Methyl methacrylate	7.696	41	50756	12.463	ug/l	91
49) 1,4-Dioxane	7.684	88	24544	237.222	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	353759	65.680	ug/l	93
52) Toluene	8.720	92	106348	11.137	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	55557	10.822	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	64098	11.061	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	42981	11.083	ug/l	89
56) Ethyl methacrylate	9.116	69	74062	12.456	ug/l	93
57) 1,3-Dichloropropane	9.311	76	74600	11.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	166832	59.436	ug/l	93
59) 2-Hexanone	9.433	43	277753	67.661	ug/l	91
60) Dibromochloromethane	9.525	129	36069	9.793	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44008	10.969	ug/l	96
64) Tetrachloroethene	9.275	164	30346	8.773	ug/l #	89
65) Chlorobenzene	10.079	112	110788	11.384	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	35919	10.443	ug/l	94
67) Ethyl Benzene	10.195	91	197741	11.202	ug/l	100
68) m/p-Xylenes	10.305	106	149272	21.828	ug/l	96
69) o-Xylene	10.646	106	73681	10.936	ug/l	98
70) Styrene	10.659	104	120415	10.947	ug/l	97
71) Bromoform	10.799	173	23124	9.576	ug/l #	99
73) Isopropylbenzene	10.963	105	187679	11.456	ug/l	99
74) N-amyl acetate	10.848	43	90203	14.897	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	72060	13.171	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	62437m	12.781	ug/l	
77) Bromobenzene	11.201	156	40445	10.966	ug/l	79
78) n-propylbenzene	11.305	91	221582	11.817	ug/l	99
79) 2-Chlorotoluene	11.366	91	136187	11.848	ug/l	94
80) 1,3,5-Trimethylbenzene	11.451	105	154745	11.298	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	19470	12.809	ug/l	87
82) 4-Chlorotoluene	11.457	91	148203	11.296	ug/l	100
83) tert-Butylbenzene	11.719	119	148748	11.093	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	155019	11.291	ug/l	99
85) sec-Butylbenzene	11.890	105	192720	11.513	ug/l	98
86) p-Isopropyltoluene	12.012	119	151244	10.867	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	77918	11.050	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	76950	10.931	ug/l	95
89) n-Butylbenzene	12.335	91	137913	11.506	ug/l	97
90) Hexachloroethane	12.542	117	21952	10.899	ug/l	79
91) 1,2-Dichlorobenzene	12.335	146	75648	10.924	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15300	12.478	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	42257	10.105	ug/l	96
94) Hexachlorobutadiene	13.725	225	14989	8.977	ug/l	93
95) Naphthalene	13.774	128	184662	11.911	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	44125	10.483	ug/l	93

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

