

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028633.D
 Acq On : 12 May 2022 12:31
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: May 12 14:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:13:24 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	201389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	14767	5.541	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	11.080%#		
35) Dibromofluoromethane	5.391	113	11589	4.897	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.800%#		
50) Toluene-d8	8.647	98	43100	4.755	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	9.500%#		
62) 4-Bromofluorobenzene	11.085	95	14748	4.278	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	8.560%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	12096	7.802	ug/l	97
3) Chloromethane	1.294	50	13208	7.846	ug/l	98
4) Vinyl Chloride	1.374	62	13839	6.388	ug/l	96
5) Bromomethane	1.605	94	13643	6.518	ug/l	99
6) Chloroethane	1.685	64	9548	5.010	ug/l	95
7) Trichlorofluoromethane	1.886	101	23210	5.140	ug/l	96
8) Diethyl Ether	2.136	74	8154	5.206	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	12213	6.874	ug/l	97
10) Methyl Iodide	2.453	142	11624	5.267	ug/l	90
11) Tert butyl alcohol	2.953	59	20885	37.239	ug/l #	82
12) 1,1-Dichloroethene	2.319	96	11355	6.760	ug/l	95
13) Acrolein	2.239	56	13977	42.199	ug/l	99
14) Allyl chloride	2.660	41	16420	5.968	ug/l	89
15) Acrylonitrile	3.068	53	34736	31.118	ug/l	99
16) Acetone	2.380	43	32026	34.517	ug/l	94
17) Carbon Disulfide	2.514	76	25868	5.803	ug/l	97
18) Methyl Acetate	2.703	43	15457	6.280	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	39038	5.897	ug/l	98
20) Methylene Chloride	2.788	84	13275	6.448	ug/l #	88
21) trans-1,2-Dichloroethene	3.093	96	12144	5.609	ug/l	96
22) Diisopropyl ether	3.764	45	37800	6.137	ug/l #	80
23) Vinyl Acetate	3.727	43	157570	29.327	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	21785	5.961	ug/l	98
25) 2-Butanone	4.562	43	47077	29.237	ug/l	92
26) 2,2-Dichloropropane	4.477	77	15770	4.609	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	14363	5.602	ug/l	98
28) Bromochloromethane	4.904	49	9272	6.177	ug/l	92
29) Tetrahydrofuran	5.013	42	30866	29.354	ug/l	91
30) Chloroform	5.093	83	24202	5.666	ug/l	94
31) Cyclohexane	5.471	56	19874	5.930	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	19072	4.960	ug/l	96
36) 1,1-Dichloropropene	5.696	75	17657	5.557	ug/l	99
37) Ethyl Acetate	4.715	43	17263	5.310	ug/l	98
38) Carbon Tetrachloride	5.678	117	16649	4.735	ug/l	99
39) Methylcyclohexane	7.385	83	19444	4.919	ug/l	97
40) Benzene	6.044	78	50773	5.502	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	9526	5.686	ug/l #	87
42) 1,2-Dichloroethane	6.092	62	18467	5.388	ug/l	98
43) Isopropyl Acetate	6.342	43	27189	5.179	ug/l	94
44) Trichloroethene	7.135	130	13637	5.125	ug/l	97
45) 1,2-Dichloropropane	7.434	63	12633	5.559	ug/l	91
46) Dibromomethane	7.586	93	9323	5.269	ug/l	89
47) Bromodichloromethane	7.824	83	16830	4.969	ug/l #	96
48) Methyl methacrylate	7.696	41	12953	5.317	ug/l #	85
49) 1,4-Dioxane	7.684	88	6849	107.912	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	91128	26.970	ug/l	92
52) Toluene	8.720	92	32043	5.046	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	14531	4.061	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	17304	4.474	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	13047	5.051	ug/l	94
56) Ethyl methacrylate	9.116	69	17624	4.673	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	21986	5.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	45131	25.731	ug/l	99
59) 2-Hexanone	9.433	43	69973	26.681	ug/l	87
60) Dibromochloromethane	9.519	129	11251	4.065	ug/l	98
61) 1,2-Dibromoethane	9.610	107	13298	4.747	ug/l	99
64) Tetrachloroethene	9.275	164	11893	4.877	ug/l	92
65) Chlorobenzene	10.079	112	33481	5.041	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	11598	4.722	ug/l	98
67) Ethyl Benzene	10.195	91	60936	5.419	ug/l	99
68) m/p-Xylenes	10.305	106	46434	10.236	ug/l	97
69) o-Xylene	10.640	106	22427	4.972	ug/l	96
70) Styrene	10.659	104	34292	4.670	ug/l	96
71) Bromoform	10.799	173	7103	3.713	ug/l #	99
73) Isopropylbenzene	10.963	105	59018	5.852	ug/l	97
74) N-amyl acetate	10.848	43	20511	5.700	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	20278	6.170	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	17581m	6.039	ug/l	
77) Bromobenzene	11.201	156	13218	5.101	ug/l	93
78) n-propylbenzene	11.305	91	66745	5.932	ug/l	100
79) 2-Chlorotoluene	11.366	91	41563	5.968	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	48292	5.670	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	3806	3.919	ug/l #	62
82) 4-Chlorotoluene	11.457	91	47455	5.908	ug/l	100
83) tert-Butylbenzene	11.713	119	46132	5.351	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	47884	5.656	ug/l	98
85) sec-Butylbenzene	11.890	105	56950	5.458	ug/l	100
86) p-Isopropyltoluene	12.012	119	46497	5.186	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	25931	5.327	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	27237	5.340	ug/l	92
89) n-Butylbenzene	12.335	91	39621	5.313	ug/l	95
90) Hexachloroethane	12.542	117	6431	4.487	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	26108	5.398	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	3751	5.146	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	13873	4.821	ug/l	95
94) Hexachlorobutadiene	13.725	225	5865	4.614	ug/l	96
95) Naphthalene	13.774	128	49446	5.110	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14488	5.142	ug/l	96

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

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