

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028013.D
 Acq On : 07 Apr 2022 16:03
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 07 16:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:36:43 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79682	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	129699	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	6587	4.861	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	9.720%#		
35) Dibromofluoromethane	5.385	113	4358	4.834	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	9.660%#		
50) Toluene-d8	8.647	98	16620	5.216	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	10.440%#		
62) 4-Bromofluorobenzene	11.079	95	7008	5.270	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	10.540%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	5219	4.328	ug/l	96
3) Chloromethane	1.288	50	4558	4.599	ug/l	94
4) Vinyl Chloride	1.374	62	4519	4.624	ug/l	98
5) Bromomethane	1.599	94	2790	6.119	ug/l	95
6) Chloroethane	1.679	64	2808	4.281	ug/l	# 85
7) Trichlorofluoromethane	1.886	101	7345	4.453	ug/l	93
8) Diethyl Ether	2.130	74	2411	4.365	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	4285	4.436	ug/l	95
10) Methyl Iodide	2.447	142	3512	3.103	ug/l	# 86
11) Tert butyl alcohol	2.965	59	5139	23.042	ug/l	97
12) 1,1-Dichloroethene	2.319	96	3998	4.347	ug/l	87
13) Acrolein	2.233	56	5018	23.216	ug/l	96
14) Allyl chloride	2.666	41	6914	4.670	ug/l	# 85
15) Acrylonitrile	3.056	53	12343	22.984	ug/l	99
16) Acetone	2.374	43	13429	26.213	ug/l	# 85
17) Carbon Disulfide	2.508	76	10464	4.555	ug/l	99
18) Methyl Acetate	2.697	43	6143	4.697	ug/l	# 86
19) Methyl tert-butyl Ether	3.111	73	14205	4.613	ug/l	98
20) Methylene Chloride	2.788	84	4613	4.492	ug/l	# 78
21) trans-1,2-Dichloroethene	3.087	96	4429	4.889	ug/l	87
22) Diisopropyl ether	3.757	45	13864	4.548	ug/l	# 76
23) Vinyl Acetate	3.721	43	58383	21.740	ug/l	# 93
24) 1,1-Dichloroethane	3.611	63	7793	4.432	ug/l	97
25) 2-Butanone	4.556	43	18519	22.186	ug/l	89
26) 2,2-Dichloropropane	4.471	77	6205	4.321	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	4957	4.646	ug/l	93
28) Bromochloromethane	4.897	49	3295	4.387	ug/l	# 88
29) Tetrahydrofuran	5.007	42	11502	21.441	ug/l	# 83
30) Chloroform	5.093	83	8532	4.427	ug/l	99
31) Cyclohexane	5.471	56	7235	4.576	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	7392	4.389	ug/l	95
36) 1,1-Dichloropropene	5.696	75	6182	4.653	ug/l	98
37) Ethyl Acetate	4.715	43	7180	4.583	ug/l	# 92
38) Carbon Tetrachloride	5.672	117	6655	4.743	ug/l	90
39) Methylcyclohexane	7.385	83	7256	4.783	ug/l	96
40) Benzene	6.037	78	17204	4.663	ug/l	95

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41) Methacrylonitrile	4.922	41	3463	4.146	ug/l	90
42) 1,2-Dichloroethane	6.086	62	7591	4.759	ug/l	91
43) Isopropyl Acetate	6.342	43	10203	4.295	ug/l #	89
44) Trichloroethene	7.129	130	4646	4.677	ug/l	92
45) 1,2-Dichloropropane	7.434	63	4408	4.819	ug/l	89
46) Dibromomethane	7.580	93	3276	4.423	ug/l	93
47) Bromodichloromethane	7.818	83	6114	4.537	ug/l #	98
48) Methyl methacrylate	7.690	41	5294	4.466	ug/l #	75
49) 1,4-Dioxane	7.665	88	2020	87.155	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	34997	22.689	ug/l #	85
52) Toluene	8.720	92	10763	4.628	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	5437	3.999	ug/l	94
54) cis-1,3-Dichloropropene	8.366	75	6325	4.348	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	4245	4.531	ug/l	92
56) Ethyl methacrylate	9.116	69	6356	4.306	ug/l #	69
57) 1,3-Dichloropropane	9.311	76	7433	4.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	14771	20.805	ug/l	94
59) 2-Hexanone	9.433	43	27823	22.668	ug/l	82
60) Dibromochloromethane	9.525	129	4004	4.206	ug/l	97
61) 1,2-Dibromoethane	9.610	107	4826	4.734	ug/l	92
64) Tetrachloroethene	9.275	164	4439	5.138	ug/l	94
65) Chlorobenzene	10.079	112	11482	4.650	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.165	131	3942	4.362	ug/l	99
67) Ethyl Benzene	10.195	91	21803	4.805	ug/l	95
68) m/p-Xylenes	10.299	106	16163	9.577	ug/l	91
69) o-Xylene	10.640	106	7880	4.731	ug/l	88
70) Styrene	10.659	104	13143	4.789	ug/l	94
71) Bromoform	10.799	173	2632	3.925	ug/l #	97
73) Isopropylbenzene	10.963	105	21626	4.780	ug/l	98
74) N-amyl acetate	10.842	43	8180	3.978	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	6837	4.363	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	6414m	4.352	ug/l	
77) Bromobenzene	11.201	156	5008	4.720	ug/l	90
78) n-propylbenzene	11.305	91	25077	4.615	ug/l	97
79) 2-Chlorotoluene	11.366	91	15827	4.715	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	17526	4.461	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	1438	3.500	ug/l #	63
82) 4-Chlorotoluene	11.457	91	18249	4.646	ug/l	96
83) tert-Butylbenzene	11.713	119	17191	4.756	ug/l	86
84) 1,2,4-Trimethylbenzene	11.750	105	17940	4.589	ug/l	95
85) sec-Butylbenzene	11.890	105	21204	4.615	ug/l	100
86) p-Isopropyltoluene	12.012	119	17628	4.636	ug/l	91
87) 1,3-Dichlorobenzene	11.969	146	9316	4.691	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	10035	4.949	ug/l	92
89) n-Butylbenzene	12.335	91	15611	4.541	ug/l	93
90) Hexachloroethane	12.542	117	2355	4.068	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	9346	4.833	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	1565	3.955	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	5520	4.720	ug/l	96
94) Hexachlorobutadiene	13.731	225	2758	5.163	ug/l	97
95) Naphthalene	13.780	128	18147	4.461	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5439	4.708	ug/l	99

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

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