

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041222\
 Data File : VX028053.D
 Acq On : 12 Apr 2022 13:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX041222

Quant Time: Apr 13 01:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	204982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	337461	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139905	50.308	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.620%			
35) Dibromofluoromethane	5.391	113	113036	51.118	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.240%			
50) Toluene-d8	8.653	98	440179	53.374	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.740%			
62) 4-Bromofluorobenzene	11.079	95	167184	54.293	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 108.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	92321	46.386	ug/l	99
3) Chloromethane	1.288	50	101718	46.179	ug/l	100
4) Vinyl Chloride	1.374	62	125939	47.557	ug/l	99
5) Bromomethane	1.599	94	156156	55.978	ug/l	99
6) Chloroethane	1.678	64	97956	45.239	ug/l	98
7) Trichlorofluoromethane	1.886	101	246262	47.418	ug/l	96
8) Diethyl Ether	2.136	74	90661	45.552	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	93234	45.125	ug/l	97
10) Methyl Iodide	2.453	142	112613	46.804	ug/l	96
11) Tert butyl alcohol	2.965	59	147412	228.360	ug/l	100
12) 1,1-Dichloroethene	2.319	96	91253	45.102	ug/l	97
13) Acrolein	2.233	56	82315	240.539	ug/l	100
14) Allyl chloride	2.666	41	162434	45.362	ug/l	88
15) Acrylonitrile	3.062	53	319739	239.033	ug/l	99
16) Acetone	2.379	43	266770	230.241	ug/l	90
17) Carbon Disulfide	2.507	76	258817	48.677	ug/l	100
18) Methyl Acetate	2.703	43	140489	45.440	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	368206	48.457	ug/l	99
20) Methylene Chloride	2.788	84	107369	46.525	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	112083	46.245	ug/l	98
22) Diisopropyl ether	3.763	45	371738	48.377	ug/l #	88
23) Vinyl Acetate	3.721	43	1707420	250.067	ug/l	94
24) 1,1-Dichloroethane	3.611	63	198713	47.771	ug/l	99
25) 2-Butanone	4.556	43	475195	237.268	ug/l	92
26) 2,2-Dichloropropane	4.477	77	187195	48.473	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	128800	47.144	ug/l	99
28) Bromochloromethane	4.903	49	82248	46.000	ug/l	90
29) Tetrahydrofuran	5.007	42	308568	235.723	ug/l	91
30) Chloroform	5.098	83	219084	47.363	ug/l	98
31) Cyclohexane	5.476	56	180948	47.321	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	200681	47.901	ug/l	99
36) 1,1-Dichloropropene	5.696	75	159323	47.209	ug/l	99
37) Ethyl Acetate	4.714	43	187020	47.570	ug/l	95
38) Carbon Tetrachloride	5.678	117	173280	48.094	ug/l	99
39) Methylcyclohexane	7.385	83	192587	48.274	ug/l	95
40) Benzene	6.043	78	474836	48.385	ug/l	99

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41) Methacrylonitrile	4.928	41	97836	46.775	ug/l	91
42) 1,2-Dichloroethane	6.092	62	179490	48.436	ug/l	97
43) Isopropyl Acetate	6.342	43	312887	47.770	ug/l	92
44) Trichloroethene	7.129	130	128141	49.103	ug/l	100
45) 1,2-Dichloropropane	7.433	63	116876	47.258	ug/l	99
46) Dibromomethane	7.586	93	87545	47.982	ug/l	94
47) Bromodichloromethane	7.824	83	169697	48.124	ug/l	99
48) Methyl methacrylate	7.696	41	137477	45.978	ug/l #	82
49) 1,4-Dioxane	7.659	88	63396	949.743	ug/l	95
51) 4-Methyl-2-Pentanone	8.573	43	989517	236.947	ug/l	91
52) Toluene	8.720	92	316544	48.347	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	201508	50.593	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	202462	49.009	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	126311	47.590	ug/l	97
56) Ethyl methacrylate	9.116	69	204290	48.967	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	208190	47.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	475589	252.564	ug/l	99
59) 2-Hexanone	9.433	43	793844	242.718	ug/l	87
60) Dibromochloromethane	9.525	129	140104	49.380	ug/l	96
61) 1,2-Dibromoethane	9.610	107	140123	48.474	ug/l	100
64) Tetrachloroethene	9.275	164	120129	47.006	ug/l	97
65) Chlorobenzene	10.079	112	340357	48.428	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	125133	48.188	ug/l	99
67) Ethyl Benzene	10.195	91	619228	50.034	ug/l	99
68) m/p-Xylenes	10.305	106	489037	94.629	ug/l	99
69) o-Xylene	10.646	106	241301	48.033	ug/l	99
70) Styrene	10.658	104	409113	42.107	ug/l	98
71) Bromoform	10.805	173	106407	43.082	ug/l	99
73) Isopropylbenzene	10.963	105	634906	49.033	ug/l	100
74) N-amyl acetate	10.841	43	292673	52.300	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	218393	48.279	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	199319m	49.120	ug/l	
77) Bromobenzene	11.201	156	152224	48.124	ug/l	99
78) n-propylbenzene	11.305	91	751780	49.957	ug/l	100
79) 2-Chlorotoluene	11.366	91	438095	48.005	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	560035	50.069	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	73982	51.351	ug/l	91
82) 4-Chlorotoluene	11.457	91	532319	49.550	ug/l	99
83) tert-Butylbenzene	11.719	119	543047	50.180	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	557063	50.870	ug/l	100
85) sec-Butylbenzene	11.890	105	684335	49.546	ug/l	100
86) p-Isopropyltoluene	12.012	119	587028	50.157	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	304684	49.434	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	314752	48.682	ug/l	99
89) n-Butylbenzene	12.335	91	521205	52.029	ug/l	97
90) Hexachloroethane	12.542	117	100197	50.953	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	303915	49.348	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	50994	51.241	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	177166	51.445	ug/l	99
94) Hexachlorobutadiene	13.725	225	70125	50.464	ug/l	96
95) Naphthalene	13.780	128	630418	52.414	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	175991	51.639	ug/l	96

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

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