

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028260.D
 Acq On : 21 Apr 2022 22:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 22 06:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	296990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	482711	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456364	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	259843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185279	47.846	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.700%		
35) Dibromofluoromethane	5.391	113	169602	50.101	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.200%		
50) Toluene-d8	8.653	98	623850	47.981	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.079	95	234825	47.235	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	122368	63.828	ug/l	100
3) Chloromethane	1.288	50	124214	64.991	ug/l	99
4) Vinyl Chloride	1.374	62	154256	51.521	ug/l	100
5) Bromomethane	1.599	94	134901	50.683	ug/l	98
6) Chloroethane	1.678	64	109977	51.389	ug/l	96
7) Trichlorofluoromethane	1.886	101	292555	44.311	ug/l	96
8) Diethyl Ether	2.136	74	105175	53.223	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	142453	59.232	ug/l	98
10) Methyl Iodide	2.453	142	178599	53.851	ug/l	95
11) Tert butyl alcohol	2.971	59	197768	267.370	ug/l	98
12) 1,1-Dichloroethene	2.318	96	134972	59.135	ug/l	94
13) Acrolein	2.239	56	140348	295.728	ug/l	97
14) Allyl chloride	2.666	41	184238	48.106	ug/l	92
15) Acrylonitrile	3.062	53	392537	248.744	ug/l	99
16) Acetone	2.379	43	331655	280.580	ug/l	95
17) Carbon Disulfide	2.514	76	299816	48.778	ug/l	100
18) Methyl Acetate	2.703	43	171535	49.821	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	487884	51.260	ug/l	97
20) Methylene Chloride	2.788	84	156050	54.311	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	155265	50.020	ug/l	93
22) Diisopropyl ether	3.763	45	417863	47.903	ug/l	92
23) Vinyl Acetate	3.721	43	1848699	242.584	ug/l	99
24) 1,1-Dichloroethane	3.611	63	259123	50.309	ug/l	99
25) 2-Butanone	4.556	43	546230	238.176	ug/l	99
26) 2,2-Dichloropropane	4.477	77	205877	40.939	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	186248	50.321	ug/l	90
28) Bromochloromethane	4.897	49	105411	47.702	ug/l	85
29) Tetrahydrofuran	5.007	42	349329	233.607	ug/l	98
30) Chloroform	5.098	83	302305	48.873	ug/l	99
31) Cyclohexane	5.476	56	219319	46.487	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	274051	48.927	ug/l	98
36) 1,1-Dichloropropene	5.696	75	210531	47.678	ug/l	97
37) Ethyl Acetate	4.714	43	211097	47.114	ug/l	100
38) Carbon Tetrachloride	5.678	117	241199	48.387	ug/l	98
39) Methylcyclohexane	7.385	83	256894	46.108	ug/l	95
40) Benzene	6.043	78	628372	48.614	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	111660	48.303	ug/l	98
42) 1,2-Dichloroethane	6.092	62	226604	47.228	ug/l	99
43) Isopropyl Acetate	6.342	43	336492	46.145	ug/l	98
44) Trichloroethene	7.129	130	189697	50.609	ug/l	96
45) 1,2-Dichloropropane	7.433	63	150535	47.579	ug/l	97
46) Dibromomethane	7.586	93	121562	48.980	ug/l	99
47) Bromodichloromethane	7.824	83	226385	47.459	ug/l	99
48) Methyl methacrylate	7.696	41	156144	46.639	ug/l	93
49) 1,4-Dioxane	7.665	88	90210	1007.226	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	1091034	233.155	ug/l	98
52) Toluene	8.720	92	431747	48.079	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	236037	46.559	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	253539	46.573	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	178156	48.828	ug/l	99
56) Ethyl methacrylate	9.116	69	258655	48.905	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	285272	48.441	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	622031	250.666	ug/l	92
59) 2-Hexanone	9.433	43	865452	238.760	ug/l	97
60) Dibromochloromethane	9.524	129	193948	48.760	ug/l	96
61) 1,2-Dibromoethane	9.610	107	198068	49.483	ug/l	98
64) Tetrachloroethene	9.275	164	184614	51.790	ug/l	98
65) Chlorobenzene	10.079	112	490828	50.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	184670	50.949	ug/l	99
67) Ethyl Benzene	10.195	91	828235	50.763	ug/l	96
68) m/p-Xylenes	10.305	106	682097	102.721	ug/l	94
69) o-Xylene	10.646	106	334657	50.549	ug/l	96
70) Styrene	10.658	104	564417	52.623	ug/l	98
71) Bromoform	10.805	173	143955	43.538	ug/l #	99
73) Isopropylbenzene	10.963	105	871752	48.811	ug/l	99
74) N-amyl acetate	10.847	43	298223	48.311	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	283164	48.858	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	249113m	48.713	ug/l	
77) Bromobenzene	11.201	156	225578	48.497	ug/l	91
78) n-propylbenzene	11.305	91	980699	49.520	ug/l	95
79) 2-Chlorotoluene	11.366	91	588027	47.758	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	752243	49.619	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	75292	43.753	ug/l	92
82) 4-Chlorotoluene	11.457	91	684724	48.278	ug/l	94
83) tert-Butylbenzene	11.719	119	770450	49.768	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	754634	50.074	ug/l	97
85) sec-Butylbenzene	11.890	105	930125	49.801	ug/l	97
86) p-Isopropyltoluene	12.012	119	815609	50.620	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	445973	51.027	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	453015	49.366	ug/l	99
89) n-Butylbenzene	12.335	91	656354	49.610	ug/l	98
90) Hexachloroethane	12.542	117	127825	44.305	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	451589	52.013	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	64510	50.050	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	277024	53.646	ug/l	99
94) Hexachlorobutadiene	13.725	225	113963	49.457	ug/l	93
95) Naphthalene	13.780	128	957780	55.677	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	280510	55.340	ug/l	97

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

