

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042922\
 Data File : VX028413.D
 Acq On : 29 Apr 2022 10:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2022
 Supervised By : Mahesh Dadoda 05/02/2022

Quant Time: Apr 30 09:13:40 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	373642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	573778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	290544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	221279	45.420	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.840%		
35) Dibromofluoromethane	5.385	113	204609	50.849	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.700%		
50) Toluene-d8	8.647	98	745000	48.205	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.400%		
62) 4-Bromofluorobenzene	11.079	95	288767	48.867	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.740%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	160579	66.576	ug/l	99
3) Chloromethane	1.294	50	143066	59.284	ug/l	100
4) Vinyl Chloride	1.374	62	174924	46.439	ug/l	99
5) Bromomethane	1.599	94	161115	47.618	ug/l	100
6) Chloroethane	1.678	64	120753	44.410	ug/l	100
7) Trichlorofluoromethane	1.886	101	328533	39.552	ug/l	98
8) Diethyl Ether	2.130	74	119838	47.888	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.325	101	178356	58.946	ug/l	98
10) Methyl Iodide	2.453	142	230446	55.095	ug/l	97
11) Tert butyl alcohol	2.965	59	196617	209.112	ug/l	97
12) 1,1-Dichloroethene	2.319	96	158391	55.159	ug/l	94
13) Acrolein	2.233	56	118579	198.601	ug/l	98
14) Allyl chloride	2.660	41	225921	46.888	ug/l	92
15) Acrylonitrile	3.062	53	455434	229.395	ug/l	99
16) Acetone	2.373	43	441026	296.645	ug/l	96
17) Carbon Disulfide	2.508	76	335191	43.346	ug/l	99
18) Methyl Acetate	2.697	43	201116	46.429	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	589918	49.265	ug/l	97
20) Methylene Chloride	2.788	84	186976	51.725	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	180242	46.154	ug/l	94
22) Diisopropyl ether	3.757	45	506521	46.154	ug/l #	87
23) Vinyl Acetate	3.721	43	2177147	227.076	ug/l	99
24) 1,1-Dichloroethane	3.605	63	313914	48.444	ug/l	100
25) 2-Butanone	4.550	43	637945	221.102	ug/l	97
26) 2,2-Dichloropropane	4.471	77	281938	44.562	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	223101	47.912	ug/l	92
28) Bromochloromethane	4.891	49	125325	45.079	ug/l	86
29) Tetrahydrofuran	5.001	42	379666	201.808	ug/l	99
30) Chloroform	5.093	83	353784	45.462	ug/l	100
31) Cyclohexane	5.470	56	257212	43.334	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	321362	45.604	ug/l	97
36) 1,1-Dichloropropene	5.690	75	246905	47.041	ug/l	96
37) Ethyl Acetate	4.708	43	241062	45.263	ug/l	99
38) Carbon Tetrachloride	5.678	117	285815	48.237	ug/l	99
39) Methylcyclohexane	7.379	83	291694	44.045	ug/l	95
40) Benzene	6.037	78	736702	47.949	ug/l	100

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41) Methacrylonitrile	4.916	41	125235	45.577	ug/l	99
42) 1,2-Dichloroethane	6.086	62	260169	45.617	ug/l	98
43) Isopropyl Acetate	6.336	43	389387	44.923	ug/l	98
44) Trichloroethene	7.123	130	228670	51.324	ug/l	96
45) 1,2-Dichloropropane	7.427	63	182653	48.568	ug/l	100
46) Dibromomethane	7.580	93	141758	48.052	ug/l	97
47) Bromodichloromethane	7.818	83	272434	48.048	ug/l	98
48) Methyl methacrylate	7.690	41	182295	45.808	ug/l	94
49) 1,4-Dioxane	7.659	88	84934	797.806	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	1241350	223.174	ug/l	98
52) Toluene	8.720	92	504557	47.269	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	293937	48.778	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	316061	48.843	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	214092	49.365	ug/l	99
56) Ethyl methacrylate	9.116	69	310852	49.446	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	335393	47.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	737787	250.125	ug/l	92
59) 2-Hexanone	9.433	43	969384	224.988	ug/l	96
60) Dibromochloromethane	9.519	129	233266	49.337	ug/l	96
61) 1,2-Dibromoethane	9.610	107	229472	48.229	ug/l	98
64) Tetrachloroethene	9.275	164	223316	52.945	ug/l	97
65) Chlorobenzene	10.079	112	577607	50.169	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	224125	52.258	ug/l	98
67) Ethyl Benzene	10.195	91	992659	51.418	ug/l	96
68) m/p-Xylenes	10.305	106	797348	101.479	ug/l	95
69) o-Xylene	10.640	106	398260	50.839	ug/l	95
70) Styrene	10.659	104	661391	52.114	ug/l	99
71) Bromoform	10.799	173	177382	45.190	ug/l #	99
73) Isopropylbenzene	10.963	105	1029624	51.558	ug/l	98
74) N-amyl acetate	10.841	43	351034	50.857	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	323843	49.973	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	278026m	48.622	ug/l	
77) Bromobenzene	11.201	156	270615	52.032	ug/l	89
78) n-propylbenzene	11.305	91	1162207	52.484	ug/l	96
79) 2-Chlorotoluene	11.366	91	699727	50.825	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	860136	50.740	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	97903	50.881	ug/l	96
82) 4-Chlorotoluene	11.457	91	804201	50.710	ug/l	95
83) tert-Butylbenzene	11.713	119	875778	50.594	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	876740	52.029	ug/l	98
85) sec-Butylbenzene	11.890	105	1047137	50.142	ug/l	97
86) p-Isopropyltoluene	12.012	119	912289	50.637	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	521119	53.325	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	525683	51.231	ug/l	99
89) n-Butylbenzene	12.335	91	746477	50.460	ug/l	98
90) Hexachloroethane	12.542	117	150605	46.587	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	507345	52.260	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67053	46.526	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	313360	54.270	ug/l	99
94) Hexachlorobutadiene	13.725	225	133380	51.767	ug/l	96
95) Naphthalene	13.774	128	1057957	55.002	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	314988	55.576	ug/l	97

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

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