

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050322\
 Data File : VX028491.D
 Acq On : 03 May 2022 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 04 06:02:08 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 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	311946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	482164	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459235	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	254540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	180224	44.309	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.620%		
35) Dibromofluoromethane	5.385	113	164499	48.648	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.300%		
50) Toluene-d8	8.646	98	592609	45.630	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.260%		
62) 4-Bromofluorobenzene	11.085	95	232322	46.785	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.560%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	130110	64.613	ug/l	98
3) Chloromethane	1.294	50	125037	62.180	ug/l	98
4) Vinyl Chloride	1.373	62	152574	48.516	ug/l	98
5) Bromomethane	1.599	94	155164	56.431	ug/l	99
6) Chloroethane	1.678	64	111112	49.298	ug/l	98
7) Trichlorofluoromethane	1.886	101	289318	41.720	ug/l	98
8) Diethyl Ether	2.129	74	112592	54.308	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	155767	61.663	ug/l	97
10) Methyl Iodide	2.452	142	203679	58.019	ug/l	97
11) Tert butyl alcohol	2.965	59	191507	245.685	ug/l	98
12) 1,1-Dichloroethene	2.318	96	139030	57.993	ug/l	96
13) Acrolein	2.233	56	119739	240.207	ug/l	98
14) Allyl chloride	2.660	41	204642	50.871	ug/l	94
15) Acrylonitrile	3.062	53	460377	277.746	ug/l	99
16) Acetone	2.379	43	371287	299.141	ug/l	96
17) Carbon Disulfide	2.507	76	281787	43.647	ug/l	100
18) Methyl Acetate	2.702	43	199841	55.259	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	549983	55.014	ug/l	99
20) Methylene Chloride	2.788	84	170189	56.393	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	162186	49.745	ug/l	91
22) Diisopropyl ether	3.757	45	478590	52.234	ug/l #	86
23) Vinyl Acetate	3.721	43	2081479	260.034	ug/l	99
24) 1,1-Dichloroethane	3.611	63	288197	53.271	ug/l	98
25) 2-Butanone	4.550	43	611459	253.836	ug/l	98
26) 2,2-Dichloropropane	4.477	77	245302	46.440	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	203287	52.291	ug/l	92
28) Bromochloromethane	4.897	49	106360	45.823	ug/l	86
29) Tetrahydrofuran	5.001	42	388027	247.045	ug/l	99
30) Chloroform	5.092	83	331258	50.986	ug/l	99
31) Cyclohexane	5.470	56	224000	45.202	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	286909	48.767	ug/l	98
36) 1,1-Dichloropropene	5.690	75	221546	50.229	ug/l	98
37) Ethyl Acetate	4.714	43	238040	53.188	ug/l	100
38) Carbon Tetrachloride	5.678	117	252775	50.766	ug/l	100
39) Methylcyclohexane	7.378	83	256639	46.115	ug/l	95
40) Benzene	6.037	78	678980	52.589	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	127224	55.098	ug/l	98
42) 1,2-Dichloroethane	6.086	62	246486	51.430	ug/l	99
43) Isopropyl Acetate	6.336	43	382600	52.527	ug/l	98
44) Trichloroethene	7.122	130	203889	54.457	ug/l	96
45) 1,2-Dichloropropane	7.427	63	169982	53.787	ug/l	100
46) Dibromomethane	7.580	93	134584	54.288	ug/l	100
47) Bromodichloromethane	7.823	83	253726	53.251	ug/l	99
48) Methyl methacrylate	7.689	41	180440	53.957	ug/l	94
49) 1,4-Dioxane	7.659	88	85779	958.839	ug/l	93
51) 4-Methyl-2-Pentanone	8.573	43	1252384	267.939	ug/l	98
52) Toluene	8.720	92	460215	51.307	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	271233	53.563	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	291650	53.634	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	203634	55.875	ug/l	99
56) Ethyl methacrylate	9.116	69	301367	57.046	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	323579	55.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	627759	253.261	ug/l	93
59) 2-Hexanone	9.433	43	966710	266.998	ug/l	96
60) Dibromochloromethane	9.524	129	218575	55.014	ug/l	98
61) 1,2-Dibromoethane	9.610	107	219036	54.783	ug/l	99
64) Tetrachloroethene	9.274	164	201366	56.137	ug/l	98
65) Chlorobenzene	10.079	112	532813	54.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	208449	57.150	ug/l	97
67) Ethyl Benzene	10.195	91	900434	54.844	ug/l	97
68) m/p-Xylenes	10.305	106	728185	108.976	ug/l	95
69) o-Xylene	10.640	106	362741	54.448	ug/l	96
70) Styrene	10.658	104	615333	57.011	ug/l	99
71) Bromoform	10.799	173	168272	49.996	ug/l #	100
73) Isopropylbenzene	10.963	105	947771	54.173	ug/l	99
74) N-amyl acetate	10.847	43	345071	57.064	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	322371	56.782	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	285287m	56.949	ug/l	
77) Bromobenzene	11.201	156	248624	54.565	ug/l	92
78) n-propylbenzene	11.305	91	1074329	55.378	ug/l	97
79) 2-Chlorotoluene	11.366	91	642280	53.252	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	804409	54.165	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	93918	55.714	ug/l	95
82) 4-Chlorotoluene	11.457	91	749586	53.952	ug/l	95
83) tert-Butylbenzene	11.719	119	813510	53.644	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	806072	54.602	ug/l	98
85) sec-Butylbenzene	11.890	105	986105	53.898	ug/l	98
86) p-Isopropyltoluene	12.012	119	846912	53.658	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	476991	55.713	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	483336	53.767	ug/l	100
89) n-Butylbenzene	12.335	91	704328	54.345	ug/l	98
90) Hexachloroethane	12.542	117	141745	49.913	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	474941	55.842	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	67543	53.495	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	300658	59.435	ug/l	99
94) Hexachlorobutadiene	13.725	225	126036	55.836	ug/l	95
95) Naphthalene	13.780	128	999278	59.300	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	296269	59.667	ug/l	96

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

