

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
 Data File : VX028518.D
 Acq On : 04 May 2022 10:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

05/05/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: May 05 03:16:35 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	310432	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	475971	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458269	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189976	46.935	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.860%
35) Dibromofluoromethane	5.385	113	175479	52.571	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	105.140%
50) Toluene-d8	8.647	98	619449	48.317	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.640%
62) 4-Bromofluorobenzene	11.079	95	245352	50.052	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	131091	65.418	ug/l	98
3) Chloromethane	1.288	50	123562	61.728	ug/l	99
4) Vinyl Chloride	1.374	62	152416	48.703	ug/l	99
5) Bromomethane	1.593	94	150006	54.542	ug/l	99
6) Chloroethane	1.678	64	110709	49.363	ug/l	99
7) Trichlorofluoromethane	1.880	101	286036	41.448	ug/l	97
8) Diethyl Ether	2.130	74	113529	55.071	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	158769	63.157	ug/l	97
10) Methyl Iodide	2.453	142	211984	60.440	ug/l	97
11) Tert butyl alcohol	2.971	59	198957	256.942	ug/l	98
12) 1,1-Dichloroethene	2.319	96	138770	58.166	ug/l	93
13) Acrolein	2.233	56	103997	209.644	ug/l	99
14) Allyl chloride	2.660	41	205736	51.393	ug/l	94
15) Acrylonitrile	3.062	53	465169	282.006	ug/l	100
16) Acetone	2.380	43	375680	304.180	ug/l	97
17) Carbon Disulfide	2.508	76	306420	47.694	ug/l	100
18) Methyl Acetate	2.703	43	204415	56.800	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	558403	56.129	ug/l	98
20) Methylene Chloride	2.788	84	172178	57.330	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	159014	49.010	ug/l	93
22) Diisopropyl ether	3.757	45	477613	52.382	ug/l #	84
23) Vinyl Acetate	3.721	43	2098518	263.442	ug/l	99
24) 1,1-Dichloroethane	3.605	63	288051	53.504	ug/l	97
25) 2-Butanone	4.550	43	617423	257.562	ug/l	97
26) 2,2-Dichloropropane	4.477	77	242031	46.044	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	203338	52.559	ug/l	92
28) Bromochloromethane	4.897	49	101840	44.090	ug/l	88
29) Tetrahydrofuran	5.001	42	389243	249.027	ug/l	99
30) Chloroform	5.093	83	332194	51.379	ug/l	99
31) Cyclohexane	5.470	56	220010	44.614	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	289154	49.388	ug/l	98
36) 1,1-Dichloropropene	5.690	75	219759	50.472	ug/l	97
37) Ethyl Acetate	4.708	43	242123	54.804	ug/l	100
38) Carbon Tetrachloride	5.678	117	254715	51.822	ug/l	99
39) Methylcyclohexane	7.379	83	252881	46.031	ug/l	95
40) Benzene	6.037	78	670832	52.634	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	126901	55.673	ug/l	98
42) 1,2-Dichloroethane	6.086	62	244104	51.596	ug/l	99
43) Isopropyl Acetate	6.336	43	384105	53.420	ug/l	99
44) Trichloroethene	7.123	130	204422	55.309	ug/l	96
45) 1,2-Dichloropropane	7.434	63	171628	55.014	ug/l	97
46) Dibromomethane	7.580	93	134394	54.917	ug/l	98
47) Bromodichloromethane	7.824	83	262034	55.711	ug/l	99
48) Methyl methacrylate	7.690	41	179343	54.327	ug/l	94
49) 1,4-Dioxane	7.659	88	88812	1005.659	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	1275472	276.429	ug/l	98
52) Toluene	8.720	92	455003	51.386	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	277660	55.545	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	293569	54.690	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	205242	57.049	ug/l	99
56) Ethyl methacrylate	9.116	69	304756	58.438	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	325289	56.019	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	658405	269.081	ug/l	93
59) 2-Hexanone	9.433	43	982742	274.957	ug/l	96
60) Dibromochloromethane	9.525	129	229118	58.418	ug/l	97
61) 1,2-Dibromoethane	9.610	107	219655	55.653	ug/l	98
64) Tetrachloroethene	9.275	164	198342	55.410	ug/l	99
65) Chlorobenzene	10.079	112	534835	54.739	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	210647	57.874	ug/l	98
67) Ethyl Benzene	10.195	91	897174	54.760	ug/l	96
68) m/p-Xylenes	10.299	106	725392	108.786	ug/l	96
69) o-Xylene	10.640	106	360312	54.197	ug/l	96
70) Styrene	10.659	104	613025	56.917	ug/l	99
71) Bromoform	10.799	173	181924	53.868	ug/l	99
73) Isopropylbenzene	10.963	105	944406	56.338	ug/l	99
74) N-amyl acetate	10.841	43	345308	59.598	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	320701	58.955	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	290721m	60.569	ug/l	
77) Bromobenzene	11.201	156	248725	56.971	ug/l	91
78) n-propylbenzene	11.305	91	1067786	57.445	ug/l	97
79) 2-Chlorotoluene	11.366	91	638965	55.291	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	794734	55.851	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	93604	57.953	ug/l	93
82) 4-Chlorotoluene	11.457	91	741724	55.718	ug/l	95
83) tert-Butylbenzene	11.713	119	815922	56.154	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	800218	56.573	ug/l	98
85) sec-Butylbenzene	11.890	105	976788	55.721	ug/l	98
86) p-Isopropyltoluene	12.012	119	845894	55.934	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	472853	57.642	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	473840	55.013	ug/l	100
89) n-Butylbenzene	12.335	91	696402	56.081	ug/l	98
90) Hexachloroethane	12.542	117	145824	53.459	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	469665	57.634	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	69940	57.813	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	298293	61.544	ug/l	99
94) Hexachlorobutadiene	13.725	225	123924	57.298	ug/l	95
95) Naphthalene	13.774	128	1018450	63.077	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	299554	62.964	ug/l	97

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

