

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028693.D
 Acq On : 13 May 2022 21:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:26:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	185410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319050	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	296013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130378	51.299	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.600%			
35) Dibromofluoromethane	5.391	113	107290	51.326	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.660%			
50) Toluene-d8	8.653	98	400719	50.846	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.700%			
62) 4-Bromofluorobenzene	11.085	95	150446	51.109	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	125287	51.606	ug/l	99
3) Chloromethane	1.288	50	116920	51.138	ug/l	99
4) Vinyl Chloride	1.374	62	129177	52.427	ug/l	98
5) Bromomethane	1.599	94	93072	53.843	ug/l	99
6) Chloroethane	1.678	64	80695	52.083	ug/l	98
7) Trichlorofluoromethane	1.886	101	198079	50.423	ug/l	98
8) Diethyl Ether	2.130	74	73850	51.593	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	101929	49.308	ug/l	95
10) Methyl Iodide	2.453	142	122310	49.420	ug/l	94
11) Tert butyl alcohol	2.971	59	144446	268.392	ug/l	97
12) 1,1-Dichloroethene	2.319	96	97868	51.002	ug/l	97
13) Acrolein	2.233	56	108467	260.010	ug/l	100
14) Allyl chloride	2.666	41	159011	51.666	ug/l	91
15) Acrylonitrile	3.062	53	324191	264.748	ug/l	99
16) Acetone	2.380	43	281365	257.951	ug/l	92
17) Carbon Disulfide	2.514	76	250417	50.343	ug/l	97
18) Methyl Acetate	2.703	43	144620	52.936	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	359888	52.851	ug/l	99
20) Methylene Chloride	2.788	84	114990	50.249	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	111469	51.571	ug/l	98
22) Diisopropyl ether	3.763	45	345649	52.555	ug/l	91
23) Vinyl Acetate	3.721	43	1549496	273.287	ug/l	96
24) 1,1-Dichloroethane	3.611	63	200211	52.363	ug/l	99
25) 2-Butanone	4.556	43	450764	263.273	ug/l	95
26) 2,2-Dichloropropane	4.477	77	134202	44.765	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	129054	51.122	ug/l	99
28) Bromochloromethane	4.903	49	81512	50.647	ug/l	93
29) Tetrahydrofuran	5.001	42	292869	263.153	ug/l	93
30) Chloroform	5.092	83	216188	52.244	ug/l	97
31) Cyclohexane	5.476	56	177347	50.271	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	188065	52.059	ug/l	99
36) 1,1-Dichloropropene	5.696	75	155444	49.509	ug/l	99
37) Ethyl Acetate	4.714	43	175181	53.419	ug/l	96
38) Carbon Tetrachloride	5.684	117	162814	51.528	ug/l	100
39) Methylcyclohexane	7.385	83	177970	49.427	ug/l	96
40) Benzene	6.043	78	463359	51.351	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	94107	53.521	ug/l	94
42) 1,2-Dichloroethane	6.092	62	170777	51.310	ug/l	98
43) Isopropyl Acetate	6.342	43	269429	52.516	ug/l	94
44) Trichloroethene	7.129	130	123277	50.374	ug/l	96
45) 1,2-Dichloropropane	7.433	63	116255	51.639	ug/l	97
46) Dibromomethane	7.580	93	85690	50.967	ug/l	92
47) Bromodichloromethane	7.824	83	163737	52.456	ug/l	99
48) Methyl methacrylate	7.696	41	132130	53.314	ug/l	87
49) 1,4-Dioxane	7.665	88	64725	1045.403	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	903759	267.437	ug/l	93
52) Toluene	8.720	92	300907	51.840	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	167712	46.785	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	183514	52.250	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	123034	51.980	ug/l	97
56) Ethyl methacrylate	9.116	69	191455	53.414	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	207508	51.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	445278	253.743	ug/l	100
59) 2-Hexanone	9.433	43	708209	269.742	ug/l	92
60) Dibromochloromethane	9.525	129	123727	53.599	ug/l	97
61) 1,2-Dibromoethane	9.610	107	131511	52.901	ug/l	99
64) Tetrachloroethene	9.275	164	112060	50.130	ug/l	97
65) Chlorobenzene	10.079	112	318904	50.783	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	117575	52.854	ug/l	99
67) Ethyl Benzene	10.195	91	576473	51.216	ug/l	98
68) m/p-Xylenes	10.305	106	453968	103.594	ug/l	99
69) o-Xylene	10.646	106	219218	50.810	ug/l	97
70) Styrene	10.659	104	372753	53.201	ug/l	98
71) Bromoform	10.799	173	86411	46.990	ug/l	97
73) Isopropylbenzene	10.963	105	576942	49.873	ug/l	99
74) N-amyl acetate	10.848	43	243778	53.608	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	204867	51.622	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	182506m	51.087	ug/l	
77) Bromobenzene	11.201	156	137093	50.086	ug/l	96
78) n-propylbenzene	11.305	91	673024	50.296	ug/l	99
79) 2-Chlorotoluene	11.366	91	407208	49.650	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	487347	50.559	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	51772	43.757	ug/l #	82
82) 4-Chlorotoluene	11.457	91	470121	49.583	ug/l	100
83) tert-Butylbenzene	11.719	119	473422	50.727	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	492951	50.998	ug/l	100
85) sec-Butylbenzene	11.890	105	579920	50.375	ug/l	99
86) p-Isopropyltoluene	12.012	119	492358	50.968	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	268193	49.954	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	274575	49.307	ug/l	98
89) n-Butylbenzene	12.335	91	420597	50.251	ug/l	98
90) Hexachloroethane	12.542	117	78483	50.240	ug/l	89
91) 1,2-Dichlorobenzene	12.335	146	273672	51.890	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44574	52.601	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	154524	50.727	ug/l	99
94) Hexachlorobutadiene	13.725	225	61512	49.706	ug/l	91
95) Naphthalene	13.774	128	588419	54.283	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	156725	51.226	ug/l	94

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

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