

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028628.D
 Acq On : 11 May 2022 18:10
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 12 05:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 05:37:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	357772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	550786	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	532852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	287498	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	573332	145.224	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 290.440%#	
35) Dibromofluoromethane	5.391	113	528596	152.537	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 305.080%#	
50) Toluene-d8	8.653	98	1949594	151.546	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 303.100%#	
62) 4-Bromofluorobenzene	11.085	95	765999	161.532	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 323.060%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	294612	116.062	ug/l	99
3) Chloromethane	1.288	50	226469	100.726	ug/l	98
4) Vinyl Chloride	1.374	62	297747	109.066	ug/l	100
5) Bromomethane	1.593	94	220398	108.081	ug/l	99
6) Chloroethane	1.666	64	228980	100.387	ug/l	95
7) Trichlorofluoromethane	1.873	101	643174	122.157	ug/l	99
8) Diethyl Ether	2.136	74	263465	131.359	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	379784	129.688	ug/l	98
10) Methyl Iodide	2.447	142	448588	143.583	ug/l	99
11) Tert butyl alcohol	2.995	59	561849	653.997	ug/l	99
12) 1,1-Dichloroethene	2.312	96	317697	126.931	ug/l	99
13) Acrolein	2.239	56	464001	691.481	ug/l	100
14) Allyl chloride	2.660	41	487901	136.113	ug/l	99
15) Acrylonitrile	3.068	53	1190634	703.581	ug/l	99
16) Acetone	2.386	43	957609	654.654	ug/l	97
17) Carbon Disulfide	2.507	76	401172	96.899	ug/l	99
18) Methyl Acetate	2.703	43	547322	138.469	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	1406222	143.713	ug/l	99
20) Methylene Chloride	2.788	84	404008	125.749	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	353823	127.302	ug/l	98
22) Diisopropyl ether	3.763	45	1209504	141.126	ug/l	99
23) Vinyl Acetate	3.727	43	5048869	717.931	ug/l	96
24) 1,1-Dichloroethane	3.611	63	716284	137.299	ug/l	100
25) 2-Butanone	4.562	43	1639354	709.993	ug/l	98
26) 2,2-Dichloropropane	4.477	77	614849	151.775	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	500627	137.449	ug/l	99
28) Bromochloromethane	4.903	49	327770	137.957	ug/l	98
29) Tetrahydrofuran	5.007	42	1004165	691.693	ug/l	98
30) Chloroform	5.098	83	840736	138.649	ug/l	99
31) Cyclohexane	5.470	56	447832	129.975	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	731876	143.339	ug/l	100
36) 1,1-Dichloropropene	5.696	75	508870	134.274	ug/l	98
37) Ethyl Acetate	4.721	43	610874	144.286	ug/l	99
38) Carbon Tetrachloride	5.678	117	633329	146.651	ug/l	99
39) Methylcyclohexane	7.385	83	523082	128.512	ug/l	98
40) Benzene	6.043	78	1612491	136.812	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	332443	150.917	ug/l	99
42) 1,2-Dichloroethane	6.092	62	600996	139.096	ug/l	99
43) Isopropyl Acetate	6.342	43	1017027	154.623	ug/l	99
44) Trichloroethene	7.129	130	496593	140.845	ug/l	98
45) 1,2-Dichloropropane	7.433	63	435929	143.405	ug/l	100
46) Dibromomethane	7.586	93	336138	144.135	ug/l	98
47) Bromodichloromethane	7.824	83	682014	156.319	ug/l	100
48) Methyl methacrylate	7.696	41	479293	154.221	ug/l	99
49) 1,4-Dioxane	7.665	88	270783	2911.592	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	3353786	753.190	ug/l	98
52) Toluene	8.720	92	1127034	140.645	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	735579	174.880	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	754403	161.163	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	542992	149.857	ug/l	100
56) Ethyl methacrylate	9.122	69	817300	165.928	ug/l	99
57) 1,3-Dichloropropane	9.311	76	827175	148.032	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	2071988	797.194	ug/l	99
59) 2-Hexanone	9.439	43	2641287	764.182	ug/l	97
60) Dibromochloromethane	9.525	129	610053	171.255	ug/l	99
61) 1,2-Dibromoethane	9.616	107	557889	151.848	ug/l	100
64) Tetrachloroethene	9.275	164	474499	133.858	ug/l	98
65) Chlorobenzene	10.079	112	1381376	140.344	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	564384	157.885	ug/l	99
67) Ethyl Benzene	10.195	91	2309071	142.842	ug/l	98
68) m/p-Xylenes	10.305	106	1872404	288.728	ug/l	97
69) o-Xylene	10.646	106	962381	148.274	ug/l	98
70) Styrene	10.658	104	1662742	155.493	ug/l	99
71) Bromoform	10.805	173	498506	175.043	ug/l #	99
73) Isopropylbenzene	10.963	105	2480470	142.484	ug/l	98
74) N-amyl acetate	10.847	43	964299	162.036	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	869683	139.984	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	747055m	122.655	ug/l	
77) Bromobenzene	11.201	156	684286	147.956	ug/l	99
78) n-propylbenzene	11.305	91	2805229	146.596	ug/l	98
79) 2-Chlorotoluene	11.366	91	1724130	141.920	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	2136360	147.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	277251	179.545	ug/l	95
82) 4-Chlorotoluene	11.457	91	2017183	147.070	ug/l	98
83) tert-Butylbenzene	11.719	119	2196372	149.972	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2159704	149.604	ug/l	99
85) sec-Butylbenzene	11.896	105	2598068	150.406	ug/l	99
86) p-Isopropyltoluene	12.012	119	2275310	152.926	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	1299454	148.004	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	1314463	146.532	ug/l	100
89) n-Butylbenzene	12.335	91	1917194	158.339	ug/l	99
90) Hexachloroethane	12.542	117	409128	170.867	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1304862	146.465	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	203359	161.263	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	846532	160.027	ug/l	99
94) Hexachlorobutadiene	13.725	225	344975	150.563	ug/l	99
95) Naphthalene	13.780	128	2821502	159.651	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	853010	158.807	ug/l	98

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

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