

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027487.D
 Acq On : 17 Mar 2022 14:10
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 17 14:48:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	340784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	533948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	520565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	260122	50.000	ug/l	# 0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	617017	155.261	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 310.520%#	
35) Dibromofluoromethane	5.391	113	528054	153.265	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 306.540%#	
50) Toluene-d8	8.653	98	1903956	146.377	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 292.760%#	
62) 4-Bromofluorobenzene	11.085	95	766195	154.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 309.100%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	491880	140.810	ug/l	99
3) Chloromethane	1.288	50	412288	112.239	ug/l	100
4) Vinyl Chloride	1.374	62	486028	128.738	ug/l	97
5) Bromomethane	1.593	94	238848	144.133	ug/l	100
6) Chloroethane	1.666	64	236683	100.322	ug/l	98
7) Trichlorofluoromethane	1.874	101	794278	151.078	ug/l	98
8) Diethyl Ether	2.136	74	292172	142.624	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	478120	139.103	ug/l	95
10) Methyl Iodide	2.447	142	662836	136.622	ug/l	95
11) Tert butyl alcohol	2.989	59	581571	746.489	ug/l	100
12) 1,1-Dichloroethene	2.313	96	464571	140.595	ug/l	95
13) Acrolein	2.239	56	455132	833.419	ug/l	97
14) Allyl chloride	2.660	41	727086	140.284	ug/l	94
15) Acrylonitrile	3.069	53	1290991	629.651	ug/l	98
16) Acetone	2.386	43	1116552	639.625	ug/l	93
17) Carbon Disulfide	2.502	76	1185451	132.048	ug/l	99
18) Methyl Acetate	2.709	43	578328	132.383	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	1568095	143.232	ug/l	99
20) Methylene Chloride	2.788	84	500340	128.873	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	495004	134.778	ug/l	99
22) Diisopropyl ether	3.770	45	1403909	135.495	ug/l	99
23) Vinyl Acetate	3.727	43	6175130	712.409	ug/l	98
24) 1,1-Dichloroethane	3.611	63	866406	137.712	ug/l	99
25) 2-Butanone	4.568	43	1805979	659.740	ug/l	98
26) 2,2-Dichloropropane	4.477	77	740188	164.087	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	580727	136.285	ug/l	97
28) Bromochloromethane	4.904	49	337198	128.813	ug/l	93
29) Tetrahydrofuran	5.013	42	1180008	651.482	ug/l	94
30) Chloroform	5.099	83	938733	141.368	ug/l	99
31) Cyclohexane	5.471	56	762473	137.165	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	878156	154.729	ug/l	98
36) 1,1-Dichloropropene	5.696	75	698388	145.999	ug/l	99
37) Ethyl Acetate	4.727	43	713408	141.483	ug/l	98
38) Carbon Tetrachloride	5.678	117	804880	162.720	ug/l	99
39) Methylcyclohexane	7.379	83	869431	143.933	ug/l	98
40) Benzene	6.044	78	1969304	135.166	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	393184	144.625	ug/l	93
42) 1,2-Dichloroethane	6.092	62	743730	156.266	ug/l	97
43) Isopropyl Acetate	6.348	43	1136687	149.542	ug/l	97
44) Trichloroethene	7.129	130	587771	146.883	ug/l	99
45) 1,2-Dichloropropane	7.434	63	498989	136.685	ug/l	98
46) Dibromomethane	7.586	93	383800	147.769	ug/l	99
47) Bromodichloromethane	7.824	83	741191	154.526	ug/l	99
48) Methyl methacrylate	7.696	41	565964	149.731	ug/l	90
49) 1,4-Dioxane	7.665	88	264359	2670.804	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	3459218	679.748	ug/l	97
52) Toluene	8.720	92	1300863	140.058	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	820602	166.741	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	861682	155.978	ug/l #	92
55) 1,1,2-Trichloroethane	9.153	97	534166	137.808	ug/l	97
56) Ethyl methacrylate	9.122	69	847116	148.164	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	862434	137.827	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	2104142	728.912	ug/l	97
59) 2-Hexanone	9.439	43	2702497	687.481	ug/l	94
60) Dibromochloromethane	9.525	129	628186	158.790	ug/l	97
61) 1,2-Dibromoethane	9.616	107	618123	154.419	ug/l	99
64) Tetrachloroethene	9.275	164	526601	144.351	ug/l	97
65) Chlorobenzene	10.080	112	1538633	140.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	593413	154.976	ug/l	99
67) Ethyl Benzene	10.195	91	2613801	138.391	ug/l	94
68) m/p-Xylenes	10.305	106	2119010	286.031	ug/l	94
69) o-Xylene	10.647	106	1051053	143.700	ug/l	96
70) Styrene	10.659	104	1772595	146.002	ug/l	100
71) Bromoform	10.805	173	526172	168.262	ug/l #	99
73) Isopropylbenzene	10.964	105	2677544	140.744	ug/l	98
74) N-amyl acetate	10.848	43	986109	141.822	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	849434	129.932	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	761077m	133.356	ug/l	
77) Bromobenzene	11.201	156	710998	148.104	ug/l	92
78) n-propylbenzene	11.305	91	2997558	140.076	ug/l	95
79) 2-Chlorotoluene	11.366	91	1844190	137.889	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	2248473	137.857	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	301507	170.856	ug/l	98
82) 4-Chlorotoluene	11.457	91	2084744	137.791	ug/l	97
83) tert-Butylbenzene	11.719	119	2238795	137.323	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	2236404	138.250	ug/l	99
85) sec-Butylbenzene	11.896	105	2727282	138.700	ug/l	98
86) p-Isopropyltoluene	12.012	119	2364219	142.016	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	1262375	139.966	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	1269815	139.059	ug/l	99
89) n-Butylbenzene	12.335	91	2047785	146.855	ug/l	98
90) Hexachloroethane	12.543	117	411519	158.600	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	1221576	137.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	209152	152.697	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	827672	141.795	ug/l	99
94) Hexachlorobutadiene	13.725	225	352594	137.758	ug/l	95
95) Naphthalene	13.780	128	2663627	135.929	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	819372	140.468	ug/l	96

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

