

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081723\
 Data File : VX037063.D
 Acq On : 17 Aug 2023 15:58
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Aug 18 06:07:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 05:51:31 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/18/2023
 Supervised By : Semsettin Yesilyurt 08/18/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247201	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	328615	147.566	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 295.140%#			
35) Dibromofluoromethane	5.385	113	272443	156.251	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 312.500%#			
50) Toluene-d8	8.653	98	986584	155.987	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 311.980%#			
62) 4-Bromofluorobenzene	11.079	95	408312	164.274	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 328.540%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	301061	167.787	ug/l	99
3) Chloromethane	1.295	50	254706	162.258	ug/l	97
4) Vinyl Chloride	1.374	62	271337	158.800	ug/l	99
5) Bromomethane	1.593	94	120128	141.142	ug/l	99
7) Trichlorofluoromethane	1.874	101	366285	130.865	ug/l	99
8) Diethyl Ether	2.136	74	155793	143.870	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	244044	149.460	ug/l	96
10) Methyl Iodide	2.447	142	302315	152.336	ug/l	95
11) Tert butyl alcohol	2.989	59	383324	733.802	ug/l #	92
12) 1,1-Dichloroethene	2.313	96	237875	149.600	ug/l	85
13) Acrolein	2.240	56	274123	689.796	ug/l	98
14) Allyl chloride	2.660	41	348547	141.620	ug/l #	91
15) Acrylonitrile	3.069	53	677654	726.798	ug/l	99
16) Acetone	2.392	43	600399	689.174	ug/l	90
17) Carbon Disulfide	2.502	76	613846	151.770	ug/l	99
18) Methyl Acetate	2.709	43	465253	141.837	ug/l #	88
19) Methyl tert-butyl Ether	3.117	73	874693	145.044	ug/l	97
20) Methylene Chloride	2.788	84	270908	139.053	ug/l #	85
21) trans-1,2-Dichloroethene	3.087	96	267845	148.182	ug/l	88
22) Diisopropyl ether	3.764	45	731154	144.773	ug/l #	83
23) Vinyl Acetate	3.727	43	2826029	730.210	ug/l #	89
24) 1,1-Dichloroethane	3.605	63	465626	147.022	ug/l	97
25) 2-Butanone	4.562	43	941600	717.822	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	434480	153.615	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	316381	148.472	ug/l	89
28) Bromochloromethane	4.898	49	203665	143.955	ug/l #	74
29) Tetrahydrofuran	5.013	42	599049	716.104	ug/l #	83
30) Chloroform	5.099	83	514560	144.735	ug/l	97
31) Cyclohexane	5.471	56	378484	151.154	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	485102	152.266	ug/l	96
36) 1,1-Dichloropropene	5.690	75	375604	151.624	ug/l	97
37) Ethyl Acetate	4.721	43	368281	145.538	ug/l #	94
38) Carbon Tetrachloride	5.678	117	428051	159.071	ug/l	99
39) Methylcyclohexane	7.379	83	406182	156.064	ug/l	90
40) Benzene	6.038	78	1066507	150.114	ug/l	100
41) Methacrylonitrile	4.922	41	198140	150.622	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.086	62	405362	145.493	ug/l	95
43) Isopropyl Acetate	6.342	43	605420	150.697	ug/l #	92
44) Trichloroethene	7.123	130	303771	150.788	ug/l	96
45) 1,2-Dichloropropane	7.434	63	263265	150.283	ug/l	100
46) Dibromomethane	7.580	93	208318	150.952	ug/l	94
47) Bromodichloromethane	7.824	83	414761	156.911	ug/l	97
48) Methyl methacrylate	7.696	41	293234	149.668	ug/l #	86
49) 1,4-Dioxane	7.665	88	166296	3151.606	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	1770521	725.769	ug/l	89
52) Toluene	8.720	92	702917	149.742	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	467992	166.281	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	480677	158.043	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	289473	151.441	ug/l	98
56) Ethyl methacrylate	9.116	69	465218	155.383	ug/l	86
57) 1,3-Dichloropropane	9.311	76	477236	148.106	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	1049988	730.777	ug/l	92
59) 2-Hexanone	9.433	43	1401333	753.377	ug/l	87
60) Dibromochloromethane	9.525	129	335759	164.983	ug/l	100
61) 1,2-Dibromoethane	9.610	107	315386	150.701	ug/l	99
64) Tetrachloroethene	9.275	164	258121	143.134	ug/l	99
65) Chlorobenzene	10.080	112	766655	146.738	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	297403	154.230	ug/l	99
67) Ethyl Benzene	10.195	91	1352867	147.155	ug/l	98
68) m/p-Xylenes	10.305	106	1055264	297.234	ug/l	95
69) o-Xylene	10.640	106	526983	150.448	ug/l	97
70) Styrene	10.653	104	903696	156.623	ug/l	97
73) Isopropylbenzene	10.964	105	1342494	138.678	ug/l	98
74) N-amyl acetate	10.842	43	547397	145.525	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	468490	143.700	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	383652m	135.259	ug/l	
77) Bromobenzene	11.201	156	341708	144.530	ug/l	92
78) n-propylbenzene	11.305	91	1536461	142.535	ug/l	98
79) 2-Chlorotoluene	11.366	91	963271	139.836	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1145477	141.848	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	168133	165.562	ug/l #	83
82) 4-Chlorotoluene	11.457	91	1131623	142.312	ug/l	97
83) tert-Butylbenzene	11.713	119	1142580	148.360	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1170616	143.434	ug/l	96
85) sec-Butylbenzene	11.890	105	1332556	148.134	ug/l	98
86) p-Isopropyltoluene	12.006	119	1157310	149.449	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	653409	147.616	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	662601	147.359	ug/l	99
89) n-Butylbenzene	12.329	91	992522	154.592	ug/l	98
90) Hexachloroethane	12.536	117	219350	169.708	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	643762	148.523	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	123107	162.511	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	398418	157.095	ug/l	99
94) Hexachlorobutadiene	13.725	225	153928	157.105	ug/l	99
95) Naphthalene	13.774	128	1491583	134.263	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	400321	158.876	ug/l	99

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