

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022322\
 Data File : VX027140.D
 Acq On : 23 Feb 2022 12:38
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Feb 23 13:01:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 12:50:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/24/2022
 Supervised By : Mahesh Dadoda 02/24/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	77558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	124082	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	146196	158.790	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 317.580%#			
35) Dibromofluoromethane	5.391	113	122169	160.933	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 321.860%#			
50) Toluene-d8	8.653	98	452375	158.958	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 317.920%#			
62) 4-Bromofluorobenzene	11.085	95	181761	168.474	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 336.940%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	115962	150.498	ug/l	99
3) Chloromethane	1.295	50	110440	153.915	ug/l	98
4) Vinyl Chloride	1.380	62	114263	161.151	ug/l	99
5) Bromomethane	1.599	94	47680	145.105	ug/l	98
6) Chloroethane	1.672	64	65943	149.522	ug/l	98
7) Trichlorofluoromethane	1.880	101	174978	158.147	ug/l	99
8) Diethyl Ether	2.136	74	61593	160.318	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	120447	155.875	ug/l	97
10) Methyl Iodide	2.453	142	175099	172.746	ug/l	96
11) Tert butyl alcohol	2.995	59	147650	832.647	ug/l	96
12) 1,1-Dichloroethene	2.319	96	118261	158.022	ug/l	90
13) Acrolein	2.239	56	132512	802.021	ug/l	99
14) Allyl chloride	2.666	41	214478	163.809	ug/l	94
15) Acrylonitrile	3.069	53	357283	772.025	ug/l	99
16) Acetone	2.386	43	293226	710.723	ug/l	93
17) Carbon Disulfide	2.514	76	318454	164.883	ug/l	100
18) Methyl Acetate	2.709	43	163029	155.360	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	410797	160.387	ug/l	99
20) Methylene Chloride	2.794	84	131011	155.499	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	128180	161.160	ug/l	94
22) Diisopropyl ether	3.770	45	403456	156.864	ug/l	91
23) Vinyl Acetate	3.727	43	1781271	828.040	ug/l	97
24) 1,1-Dichloroethane	3.611	63	230520	158.900	ug/l	99
25) 2-Butanone	4.562	43	498558	768.647	ug/l	99
26) 2,2-Dichloropropane	4.483	77	181650	175.814	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	148507	160.967	ug/l	95
28) Bromochloromethane	4.910	49	92456	157.247	ug/l	91
29) Tetrahydrofuran	5.013	42	323982	741.892	ug/l	96
30) Chloroform	5.099	83	234326	154.813	ug/l	99
31) Cyclohexane	5.477	56	214863	155.060	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	212692	163.967	ug/l	98
36) 1,1-Dichloropropene	5.702	75	178201	160.359	ug/l	97
37) Ethyl Acetate	4.721	43	194072	158.787	ug/l	98
38) Carbon Tetrachloride	5.684	117	194795	169.817	ug/l	98
39) Methylcyclohexane	7.385	83	224184	162.570	ug/l	95
40) Benzene	6.044	78	514111	157.748	ug/l	99

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41) Methacrylonitrile	4.928	41	109569	164.438	ug/l	96
42) 1,2-Dichloroethane	6.092	62	184079	159.525	ug/l	97
43) Isopropyl Acetate	6.348	43	316026	170.192	ug/l	96
44) Trichloroethene	7.129	130	158166	163.211	ug/l	94
45) 1,2-Dichloropropane	7.434	63	130954	165.935	ug/l	98
46) Dibromomethane	7.586	93	93117	163.912	ug/l	94
47) Bromodichloromethane	7.824	83	184752	167.225	ug/l	99
48) Methyl methacrylate	7.696	41	154987	172.952	ug/l	94
49) 1,4-Dioxane	7.665	88	64705	3138.477	ug/l	93
51) 4-Methyl-2-Pentanone	8.580	43	967855	791.585	ug/l	96
52) Toluene	8.720	92	328755	157.490	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204748	193.917	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	219572	180.646	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	131526	159.418	ug/l	98
56) Ethyl methacrylate	9.122	69	219155	173.200	ug/l	93
57) 1,3-Dichloropropane	9.311	76	221669	161.991	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	518135	845.804	ug/l	96
59) 2-Hexanone	9.439	43	747966	802.283	ug/l	95
60) Dibromochloromethane	9.525	129	150656	180.010	ug/l	99
61) 1,2-Dibromoethane	9.616	107	143626	164.351	ug/l	100
64) Tetrachloroethene	9.275	164	156062	153.531	ug/l	94
65) Chlorobenzene	10.080	112	359451	157.669	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	138069	169.109	ug/l	99
67) Ethyl Benzene	10.195	91	635763	159.109	ug/l	98
68) m/p-Xylenes	10.305	106	493985	322.299	ug/l	95
69) o-Xylene	10.646	106	244341	158.353	ug/l	97
70) Styrene	10.659	104	421169	168.711	ug/l	98
71) Bromoform	10.805	173	116911	194.220	ug/l #	100
73) Isopropylbenzene	10.964	105	637522	149.985	ug/l	98
74) N-amyl acetate	10.848	43	277961	177.035	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	189992	151.603	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	183941m	154.505	ug/l	
77) Bromobenzene	11.201	156	163529	155.121	ug/l	93
78) n-propylbenzene	11.305	91	751116	156.621	ug/l	98
79) 2-Chlorotoluene	11.366	91	451473	153.015	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	552212	155.436	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	67423	189.664	ug/l	86
82) 4-Chlorotoluene	11.457	91	519253	154.267	ug/l	96
83) tert-Butylbenzene	11.719	119	536082	155.133	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	561113	159.496	ug/l	98
85) sec-Butylbenzene	11.896	105	683636	158.333	ug/l	98
86) p-Isopropyltoluene	12.012	119	593321	161.808	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	313432	158.617	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	312402	153.800	ug/l	98
89) n-Butylbenzene	12.335	91	512888	168.593	ug/l	99
90) Hexachloroethane	12.542	117	101870	183.646	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	298808	154.228	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	49688	175.260	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	205427	171.176	ug/l	99
94) Hexachlorobutadiene	13.725	225	81614	162.210	ug/l	99
95) Naphthalene	13.780	128	693762	169.883	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	201787	166.984	ug/l	99

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

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