

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040722\
 Data File : VX028011.D
 Acq On : 07 Apr 2022 14:55
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Apr 07 15:27:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 07 15:23:12 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	69461	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	116948	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119077	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56655	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	177925	193.645	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 387.300%#			
35) Dibromofluoromethane	5.391	113	121787	151.983	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 303.960%#			
50) Toluene-d8	8.653	98	437926	150.414	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 300.820%#			
62) 4-Bromofluorobenzene	11.085	95	194436	168.452	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 336.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	156720	193.341	ug/l	97
3) Chloromethane	1.288	50	120704	175.449	ug/l	100
4) Vinyl Chloride	1.374	62	127471	174.304	ug/l	99
5) Bromomethane	1.599	94	55449	185.187	ug/l	99
6) Chloroethane	1.666	64	75268	170.809	ug/l	99
7) Trichlorofluoromethane	1.880	101	208990	179.731	ug/l	98
8) Diethyl Ether	2.136	74	70234	179.616	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	122436	174.411	ug/l	96
10) Methyl Iodide	2.447	142	170807	201.415	ug/l	93
11) Tert butyl alcohol	2.989	59	153990	938.710	ug/l	99
12) 1,1-Dichloroethene	2.313	96	118751	178.731	ug/l	98
13) Acrolein	2.233	56	143342	945.776	ug/l	98
14) Allyl chloride	2.660	41	188929	181.417	ug/l	96
15) Acrylonitrile	3.069	53	356352	911.724	ug/l	98
16) Acetone	2.380	43	286795	843.920	ug/l	93
17) Carbon Disulfide	2.508	76	317428	179.093	ug/l	100
18) Methyl Acetate	2.703	43	154355	176.254	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	422373	190.184	ug/l	99
20) Methylene Chloride	2.788	84	129200	175.030	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	120132	163.624	ug/l	88
22) Diisopropyl ether	3.764	45	409892	198.236	ug/l	88
23) Vinyl Acetate	3.727	43	1884869	1047.519	ug/l	# 91
24) 1,1-Dichloroethane	3.611	63	234961	189.292	ug/l	96
25) 2-Butanone	4.562	43	545894	990.308	ug/l	90
26) 2,2-Dichloropropane	4.477	77	200871	207.312	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	139167	164.908	ug/l	89
28) Bromochloromethane	4.898	49	98891	199.586	ug/l	84
29) Tetrahydrofuran	5.007	42	343572	969.698	ug/l	86
30) Chloroform	5.099	83	256988	188.269	ug/l	97
31) Cyclohexane	5.471	56	210948	181.867	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	233915	190.966	ug/l	96
36) 1,1-Dichloropropene	5.696	75	183387	172.831	ug/l	97
37) Ethyl Acetate	4.715	43	215627	196.020	ug/l	95
38) Carbon Tetrachloride	5.684	117	203999	173.547	ug/l	98
39) Methylcyclohexane	7.379	83	208821	159.287	ug/l	89
40) Benzene	6.044	78	497993	164.895	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	118051	202.846	ug/l #	86
42) 1,2-Dichloroethane	6.092	62	226857	200.287	ug/l	91
43) Isopropyl Acetate	6.342	43	347905	203.421	ug/l #	91
44) Trichloroethene	7.129	130	131845	147.762	ug/l	86
45) 1,2-Dichloropropane	7.434	63	130290	177.056	ug/l	100
46) Dibromomethane	7.580	93	100965	169.605	ug/l #	88
47) Bromodichloromethane	7.824	83	199970	181.946	ug/l	99
48) Methyl methacrylate	7.696	41	174296	210.847	ug/l #	79
49) 1,4-Dioxane	7.665	88	59232	2805.150	ug/l #	87
51) 4-Methyl-2-Pentanone	8.580	43	1071012	957.057	ug/l	89
52) Toluene	8.720	92	318034	159.358	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	217452	195.393	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	220858	181.621	ug/l #	80
55) 1,1,2-Trichloroethane	9.153	97	131420	160.447	ug/l	96
56) Ethyl methacrylate	9.122	69	225170	185.459	ug/l #	73
57) 1,3-Dichloropropane	9.311	76	227996	173.618	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	528160	888.251	ug/l	96
59) 2-Hexanone	9.439	43	831747	959.979	ug/l	86
60) Dibromochloromethane	9.525	129	156055	177.077	ug/l	97
61) 1,2-Dibromoethane	9.610	107	152691	175.578	ug/l	99
64) Tetrachloroethene	9.275	164	123205	131.991	ug/l	95
65) Chlorobenzene	10.080	112	373454	149.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	143253	155.394	ug/l	98
67) Ethyl Benzene	10.195	91	674592	155.155	ug/l	100
68) m/p-Xylenes	10.305	106	516442	305.091	ug/l	96
69) o-Xylene	10.646	106	252859	154.263	ug/l	93
70) Styrene	10.659	104	437295	159.846	ug/l	95
71) Bromoform	10.805	173	116040	157.455	ug/l	100
73) Isopropylbenzene	10.964	105	666837	166.876	ug/l	99
74) N-amyl acetate	10.848	43	307459	213.844	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	220623	167.503	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	201465m	170.078	ug/l	
77) Bromobenzene	11.201	156	160268	155.470	ug/l	92
78) n-propylbenzene	11.305	91	802736	175.677	ug/l	99
79) 2-Chlorotoluene	11.366	91	483849	167.718	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	584923	170.242	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.024	75	72545	194.847	ug/l	89
82) 4-Chlorotoluene	11.457	91	570578	173.575	ug/l	98
83) tert-Butylbenzene	11.719	119	535491	156.017	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	571418	164.479	ug/l	96
85) sec-Butylbenzene	11.896	105	682347	162.146	ug/l	98
86) p-Isopropyltoluene	12.012	119	578304	162.353	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	292403	151.301	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	297434	152.714	ug/l	97
89) n-Butylbenzene	12.335	91	528588	174.111	ug/l	96
90) Hexachloroethane	12.543	117	96619	171.264	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	284933	151.430	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	59762	191.432	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	178335	148.303	ug/l	99
94) Hexachlorobutadiene	13.725	225	75941	131.858	ug/l	93
95) Naphthalene	13.780	128	617866	156.447	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177961	151.117	ug/l	96

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

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