

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031915.D
 Acq On : 06 Oct 2022 12:35
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:13:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	68435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	103388	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	65076	59.069	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.140%			
35) Dibromofluoromethane	5.385	113	57535	50.492	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.980%			
50) Toluene-d8	8.653	98	210143	51.906	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.820%			
62) 4-Bromofluorobenzene	11.079	95	77400	52.989	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52736	62.952	ug/l	96
3) Chloromethane	1.288	50	50377	66.225	ug/l	96
4) Vinyl Chloride	1.373	62	60603	63.033	ug/l	100
5) Bromomethane	1.611	94	41419	48.479	ug/l	98
6) Chloroethane	1.684	64	56331	67.796	ug/l	95
7) Trichlorofluoromethane	1.885	101	107855	55.480	ug/l	96
8) Diethyl Ether	2.135	74	38982	58.684	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	55206	58.273	ug/l	91
10) Methyl Iodide	2.452	142	57966	61.786	ug/l	99
11) Tert butyl alcohol	3.007	59	41687m	250.413	ug/l	
12) 1,1-Dichloroethene	2.318	96	51526	57.502	ug/l	88
13) Acrolein	2.239	56	26116	267.155	ug/l	99
14) Allyl chloride	2.666	41	74913	75.393	ug/l	96
15) Acrylonitrile	3.068	53	138309	335.062	ug/l	99
16) Acetone	2.392	43	109367	335.323	ug/l	92
17) Carbon Disulfide	2.513	76	112009	62.677	ug/l	98
18) Methyl Acetate	2.709	43	78213	73.053	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	176993	63.482	ug/l	97
20) Methylene Chloride	2.788	84	57850	56.106	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	56673	56.823	ug/l	91
22) Diisopropyl ether	3.763	45	167366	72.225	ug/l	95
23) Vinyl Acetate	3.721	43	659370	382.281	ug/l	96
24) 1,1-Dichloroethane	3.611	63	98723	64.465	ug/l	99
25) 2-Butanone	4.562	43	182768	350.249	ug/l	95
26) 2,2-Dichloropropane	4.476	77	75442	65.847	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	68302	58.286	ug/l	87
28) Bromochloromethane	4.897	49	43276	69.588	ug/l #	81
29) Tetrahydrofuran	5.013	42	118924	363.342	ug/l	92
30) Chloroform	5.092	83	110879	60.112	ug/l	97
31) Cyclohexane	5.470	56	84527	64.903	ug/l	89
32) 1,1,1-Trichloroethane	5.385	97	97830	60.734	ug/l	98
36) 1,1-Dichloropropene	5.690	75	78790	57.999	ug/l	96
37) Ethyl Acetate	4.714	43	74304	68.106	ug/l	98
38) Carbon Tetrachloride	5.677	117	86080	55.007	ug/l	94
39) Methylcyclohexane	7.385	83	96910	56.133	ug/l	91
40) Benzene	6.037	78	232055	56.980	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39774	70.024	ug/l	94
42) 1,2-Dichloroethane	6.092	62	84412	61.251	ug/l	98
43) Isopropyl Acetate	6.342	43	117750	70.485	ug/l	95
44) Trichloroethene	7.128	130	68866	51.156	ug/l	90
45) 1,2-Dichloropropane	7.433	63	57676	62.398	ug/l	99
46) Dibromomethane	7.580	93	44469	55.903	ug/l #	89
47) Bromodichloromethane	7.823	83	82163	60.033	ug/l	98
48) Methyl methacrylate	7.695	41	58491	73.229	ug/l	94
49) 1,4-Dioxane	7.695	88	26454	1056.087	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	387866	344.491	ug/l	96
52) Toluene	8.720	92	156453	54.885	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	83882	67.216	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	94049	65.640	ug/l	94
55) 1,1,2-Trichloroethane	9.152	97	63970	54.649	ug/l	97
56) Ethyl methacrylate	9.116	69	89968	64.956	ug/l	93
57) 1,3-Dichloropropane	9.311	76	103030	58.389	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	220855	317.299	ug/l	93
59) 2-Hexanone	9.433	43	286484	350.141	ug/l	94
60) Dibromochloromethane	9.524	129	67192	57.914	ug/l	99
61) 1,2-Dibromoethane	9.610	107	67398	54.666	ug/l	98
64) Tetrachloroethene	9.274	164	66928	48.762	ug/l	96
65) Chlorobenzene	10.079	112	171077	52.815	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	62222	55.012	ug/l	98
67) Ethyl Benzene	10.195	91	297551	56.495	ug/l	99
68) m/p-Xylenes	10.305	106	238653	108.587	ug/l	97
69) o-Xylene	10.640	106	117240	54.326	ug/l	96
70) Styrene	10.658	104	192816	56.674	ug/l	98
71) Bromoform	10.799	173	46295	56.696	ug/l #	100
73) Isopropylbenzene	10.963	105	306946	55.814	ug/l	100
74) N-amyl acetate	10.847	43	103328	78.876	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	92088	59.136	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	82108m	62.750	ug/l	
77) Bromobenzene	11.201	156	75415	51.602	ug/l	93
78) n-propylbenzene	11.305	91	352927	59.459	ug/l	100
79) 2-Chlorotoluene	11.366	91	205615	56.972	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	261036	57.194	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22845	69.136	ug/l	91
82) 4-Chlorotoluene	11.457	91	240656	58.191	ug/l	99
83) tert-Butylbenzene	11.713	119	256515	56.208	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	259972	57.031	ug/l	98
85) sec-Butylbenzene	11.890	105	318722	57.425	ug/l	99
86) p-Isopropyltoluene	12.012	119	272952	56.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143644	51.914	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	144987	50.908	ug/l	99
89) n-Butylbenzene	12.335	91	229708	62.041	ug/l	99
90) Hexachloroethane	12.542	117	41173	62.726	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	143399	51.827	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	19275	68.908	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	92366	53.077	ug/l	99
94) Hexachlorobutadiene	13.725	225	36068	51.316	ug/l	97
95) Naphthalene	13.780	128	316894	56.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91313	52.121	ug/l	99

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

