

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031454.D
 Acq On : 19 Sep 2022 11:32
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/21/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 20 02:28:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 02:26:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	58621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	89019	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53504	45.997	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.000%		
35) Dibromofluoromethane	5.391	113	45853	47.368	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.740%		
50) Toluene-d8	8.653	98	168047	46.945	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.900%		
62) 4-Bromofluorobenzene	11.079	95	60107	47.700	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	48210	57.200	ug/l	99
3) Chloromethane	1.288	50	53901	48.206	ug/l	96
4) Vinyl Chloride	1.374	62	63086	49.479	ug/l	98
5) Bromomethane	1.611	94	86347	47.563	ug/l	97
6) Chloroethane	1.685	64	58565	42.566	ug/l	96
7) Trichlorofluoromethane	1.886	101	136096	47.059	ug/l	98
8) Diethyl Ether	2.136	74	45581	45.762	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	44729	47.388	ug/l	93
10) Methyl Iodide	2.453	142	50618	55.428	ug/l	99
11) Tert butyl alcohol	2.989	59	59740	204.346	ug/l	99
12) 1,1-Dichloroethene	2.319	96	43122	47.259	ug/l	92
13) Acrolein	2.239	56	29813	223.914	ug/l	98
14) Allyl chloride	2.666	41	69036	46.396	ug/l	93
15) Acrylonitrile	3.069	53	136909	241.997	ug/l	100
16) Acetone	2.386	43	111824	217.829	ug/l	99
17) Carbon Disulfide	2.514	76	114646	46.632	ug/l	100
18) Methyl Acetate	2.709	43	73564	45.791	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	156906	47.546	ug/l	100
20) Methylene Chloride	2.788	84	49118	41.921	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	49664	48.200	ug/l	94
22) Diisopropyl ether	3.764	45	154521	47.954	ug/l	95
23) Vinyl Acetate	3.727	43	678965	246.389	ug/l	98
24) 1,1-Dichloroethane	3.611	63	86397	47.446	ug/l	98
25) 2-Butanone	4.562	43	196617	236.890	ug/l	99
26) 2,2-Dichloropropane	4.477	77	77419	48.131	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	57323	46.159	ug/l	91
28) Bromochloromethane	4.904	49	35101	48.252	ug/l	90
29) Tetrahydrofuran	5.013	42	128195	236.838	ug/l	95
30) Chloroform	5.099	83	98098	49.119	ug/l	97
31) Cyclohexane	5.471	56	76804	48.167	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	86936	47.925	ug/l	100
36) 1,1-Dichloropropene	5.690	75	70133	49.564	ug/l	98
37) Ethyl Acetate	4.721	43	78624	46.577	ug/l	99
38) Carbon Tetrachloride	5.678	117	77099	49.157	ug/l	99
39) Methylcyclohexane	7.385	83	83656	48.050	ug/l	92
40) Benzene	6.044	78	206829	48.996	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39975	47.563	ug/l	97
42) 1,2-Dichloroethane	6.092	62	76041	48.871	ug/l	98
43) Isopropyl Acetate	6.342	43	127704	49.222	ug/l	99
44) Trichloroethene	7.129	130	56756	47.419	ug/l	97
45) 1,2-Dichloropropane	7.434	63	51315	48.358	ug/l	95
46) Dibromomethane	7.586	93	39751	48.666	ug/l	95
47) Bromodichloromethane	7.824	83	74977	48.822	ug/l	99
48) Methyl methacrylate	7.696	41	57839	48.797	ug/l	90
49) 1,4-Dioxane	7.684	88	27162	1003.441	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	419016	251.096	ug/l	100
52) Toluene	8.720	92	136076	49.426	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	84233	53.004	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86798	49.941	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	54827	48.330	ug/l	99
56) Ethyl methacrylate	9.116	69	83464	51.729	ug/l	96
57) 1,3-Dichloropropane	9.311	76	91304	49.045	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	171442	274.843	ug/l	96
59) 2-Hexanone	9.433	43	323832	258.389	ug/l	99
60) Dibromochloromethane	9.525	129	62903	52.217	ug/l	98
61) 1,2-Dibromoethane	9.610	107	62063	50.783	ug/l	99
64) Tetrachloroethene	9.275	164	56956	46.761	ug/l	95
65) Chlorobenzene	10.079	112	149743	47.885	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	55231	48.951	ug/l	97
67) Ethyl Benzene	10.195	91	266833	48.328	ug/l	99
68) m/p-Xylenes	10.305	106	215956	97.327	ug/l	99
69) o-Xylene	10.646	106	105298	49.718	ug/l	95
70) Styrene	10.659	104	175371	50.293	ug/l	98
71) Bromoform	10.799	173	45721	50.647	ug/l #	100
73) Isopropylbenzene	10.963	105	276601	44.187	ug/l	99
74) N-amyl acetate	10.842	43	117507	46.314	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90012	42.653	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84224m	47.068	ug/l	
77) Bromobenzene	11.201	156	65866	42.693	ug/l	95
78) n-propylbenzene	11.305	91	327700	45.503	ug/l	99
79) 2-Chlorotoluene	11.366	91	189076	44.108	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	250812	47.213	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28689	49.374	ug/l	94
82) 4-Chlorotoluene	11.457	91	242962	48.296	ug/l	99
83) tert-Butylbenzene	11.719	119	231484	44.958	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	243619	46.565	ug/l	99
85) sec-Butylbenzene	11.890	105	301333	46.244	ug/l	100
86) p-Isopropyltoluene	12.012	119	264298	48.034	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	132739	44.888	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	142901	46.331	ug/l	98
89) n-Butylbenzene	12.335	91	228154	48.678	ug/l	98
90) Hexachloroethane	12.542	117	43975	46.511	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	134238	45.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20370	47.357	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	75701	46.135	ug/l	98
94) Hexachlorobutadiene	13.725	225	27323	41.689	ug/l	99
95) Naphthalene	13.774	128	276307	45.980	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	75755	44.794	ug/l	97

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

