

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031483.D
 Acq On : 20 Sep 2022 00:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 20 09:51:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	44244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	68596	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	78598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46742	57.664	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.320%			
35) Dibromofluoromethane	5.391	113	40567	57.322	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.640%			
50) Toluene-d8	8.653	98	149066	54.544	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.080%			
62) 4-Bromofluorobenzene	11.085	95	51573	55.711	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.420%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	35716	56.146	ug/l	99
3) Chloromethane	1.288	50	42446	50.297	ug/l	97
4) Vinyl Chloride	1.374	62	49248	51.177	ug/l	98
5) Bromomethane	1.611	94	76457	55.800	ug/l	98
6) Chloroethane	1.685	64	55926	68.176	ug/l	98
7) Trichlorofluoromethane	1.886	101	107677	49.331	ug/l	99
8) Diethyl Ether	2.136	74	34801	46.292	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.331	101	35130	49.312	ug/l	95
10) Methyl Iodide	2.453	142	37211	53.987	ug/l	100
11) Tert butyl alcohol	2.989	59	50347	300.487	ug/l	98
12) 1,1-Dichloroethene	2.319	96	33907	49.235	ug/l	91
13) Acrolein	2.239	56	24481	279.225	ug/l	97
14) Allyl chloride	2.666	41	50160	44.664	ug/l	92
15) Acrylonitrile	3.069	53	107786	252.429	ug/l	100
16) Acetone	2.386	43	91168	286.059	ug/l	98
17) Carbon Disulfide	2.514	76	86453	46.591	ug/l	99
18) Methyl Acetate	2.709	43	59580	49.138	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	120326	48.310	ug/l	98
20) Methylene Chloride	2.788	84	39144	54.197	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	38163	49.073	ug/l	95
22) Diisopropyl ether	3.764	45	118258	48.626	ug/l	95
23) Vinyl Acetate	3.727	43	521030	250.516	ug/l	98
24) 1,1-Dichloroethane	3.611	63	67255	48.935	ug/l	98
25) 2-Butanone	4.562	43	152985	244.216	ug/l	99
26) 2,2-Dichloropropane	4.477	77	39132	32.234	ug/l	90
27) cis-1,2-Dichloroethene	4.489	96	43986	46.929	ug/l	87
28) Bromochloromethane	4.904	49	28941	52.712	ug/l	91
29) Tetrahydrofuran	5.013	42	100923	247.041	ug/l	95
30) Chloroform	5.093	83	77150	51.183	ug/l	98
31) Cyclohexane	5.471	56	57602	47.863	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	66068	48.256	ug/l	98
36) 1,1-Dichloropropene	5.696	75	52758	48.386	ug/l	98
37) Ethyl Acetate	4.721	43	61494	47.275	ug/l	99
38) Carbon Tetrachloride	5.678	117	59328	49.088	ug/l	98
39) Methylcyclohexane	7.385	83	63003	46.962	ug/l	90
40) Benzene	6.044	78	161499	49.648	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31085	47.997	ug/l	94
42) 1,2-Dichloroethane	6.092	62	60547	50.498	ug/l	99
43) Isopropyl Acetate	6.348	43	98482	49.260	ug/l	98
44) Trichloroethene	7.129	130	42913	46.528	ug/l	94
45) 1,2-Dichloropropane	7.434	63	39400	48.185	ug/l	93
46) Dibromomethane	7.586	93	31358	49.821	ug/l	92
47) Bromodichloromethane	7.824	83	59842	50.568	ug/l	98
48) Methyl methacrylate	7.696	41	44888	49.146	ug/l	90
49) 1,4-Dioxane	7.690	88	22485	1077.971	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	330947	257.366	ug/l	100
52) Toluene	8.720	92	108812	51.290	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	59841	48.867	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	62350	46.555	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	43593	49.868	ug/l	96
56) Ethyl methacrylate	9.122	69	65297	52.519	ug/l	93
57) 1,3-Dichloropropane	9.311	76	72169	50.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	140601	272.868	ug/l	95
59) 2-Hexanone	9.433	43	252144	261.088	ug/l	99
60) Dibromochloromethane	9.525	129	48409	52.149	ug/l	100
61) 1,2-Dibromoethane	9.610	107	48387	51.380	ug/l	99
64) Tetrachloroethene	9.275	164	40171	42.551	ug/l	96
65) Chlorobenzene	10.079	112	117445	48.455	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43791	50.075	ug/l	97
67) Ethyl Benzene	10.195	91	206381	48.226	ug/l	100
68) m/p-Xylenes	10.305	106	167326	97.294	ug/l	98
69) o-Xylene	10.640	106	81603	49.711	ug/l	95
70) Styrene	10.659	104	136426	50.477	ug/l	98
71) Bromoform	10.799	173	35174	50.270	ug/l #	100
73) Isopropylbenzene	10.963	105	213309	47.792	ug/l	99
74) N-amyl acetate	10.842	43	92614	51.195	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	73098	60.791	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	63509m	47.610	ug/l	
77) Bromobenzene	11.201	156	53023	48.202	ug/l	92
78) n-propylbenzene	11.305	91	249325	48.555	ug/l	100
79) 2-Chlorotoluene	11.366	91	144799	47.376	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	183520	48.451	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	19395	46.815	ug/l	96
82) 4-Chlorotoluene	11.457	91	171851	47.911	ug/l	98
83) tert-Butylbenzene	11.713	119	183590	50.009	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	184133	49.361	ug/l	99
85) sec-Butylbenzene	11.890	105	227425	48.951	ug/l	100
86) p-Isopropyltoluene	12.012	119	191054	48.699	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	100723	47.772	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	104895	47.698	ug/l	98
89) n-Butylbenzene	12.335	91	161416	48.301	ug/l	99
90) Hexachloroethane	12.536	117	34106	50.593	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	101877	47.982	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15318	49.947	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	59130	50.542	ug/l	97
94) Hexachlorobutadiene	13.725	225	21297	54.586	ug/l	99
95) Naphthalene	13.774	128	213991	49.944	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	58705	48.685	ug/l	98

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

