

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031589.D
 Acq On : 22 Sep 2022 23:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/24/2022
 Supervised By :Mahesh Dadoda 09/24/2022

Quant Time: Sep 23 06:31:03 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	50182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	87351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46692	50.655	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.320%			
35) Dibromofluoromethane	5.385	113	41599	52.788	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.580%			
50) Toluene-d8	8.647	98	153796	50.593	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.180%			
62) 4-Bromofluorobenzene	11.079	95	63341	61.515	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 123.020%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	38374	53.187	ug/l	99
3) Chloromethane	1.288	50	40663	42.482	ug/l	99
4) Vinyl Chloride	1.374	62	50929	46.662	ug/l	100
5) Bromomethane	1.612	94	75128	48.342	ug/l	99
6) Chloroethane	1.691	64	68045	73.364	ug/l	97
7) Trichlorofluoromethane	1.886	101	123713	49.971	ug/l	93
8) Diethyl Ether	2.136	74	37595	44.091	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	36986	45.774	ug/l	91
10) Methyl Iodide	2.453	142	44765	57.262	ug/l	98
11) Tert butyl alcohol	3.014	59	48159	247.646	ug/l #	83
12) 1,1-Dichloroethene	2.319	96	35444	45.377	ug/l	91
13) Acrolein	2.239	56	17811	174.768	ug/l	100
14) Allyl chloride	2.666	41	52754	41.415	ug/l	93
15) Acrylonitrile	3.069	53	107560	222.092	ug/l	99
16) Acetone	2.392	43	88635	243.139	ug/l	96
17) Carbon Disulfide	2.514	76	83259	39.561	ug/l	99
18) Methyl Acetate	2.709	43	60090	43.694	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	132181	46.790	ug/l	99
20) Methylene Chloride	2.794	84	40482	49.201	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	40665	46.103	ug/l	92
22) Diisopropyl ether	3.764	45	128078	46.432	ug/l	95
23) Vinyl Acetate	3.727	43	545239	231.135	ug/l	99
24) 1,1-Dichloroethane	3.611	63	70935	45.506	ug/l	97
25) 2-Butanone	4.568	43	154512	217.467	ug/l	97
26) 2,2-Dichloropropane	4.477	77	49557	35.991	ug/l	95
27) cis-1,2-Dichloroethene	4.489	96	48169	45.311	ug/l	87
28) Bromochloromethane	4.904	49	28598	45.924	ug/l	83
29) Tetrahydrofuran	5.013	42	101846	219.801	ug/l	94
30) Chloroform	5.099	83	82102	48.023	ug/l	99
31) Cyclohexane	5.471	56	61440	45.011	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	72306	46.563	ug/l	99
36) 1,1-Dichloropropene	5.690	75	57787	47.647	ug/l	97
37) Ethyl Acetate	4.721	43	62914	43.483	ug/l	100
38) Carbon Tetrachloride	5.678	117	62950	46.826	ug/l	98
39) Methylcyclohexane	7.385	83	66960	44.872	ug/l	89
40) Benzene	6.038	78	171132	47.297	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	31482	43.702	ug/l	94
42) 1,2-Dichloroethane	6.086	62	64852	48.627	ug/l	98
43) Isopropyl Acetate	6.342	43	102216	45.965	ug/l	99
44) Trichloroethene	7.129	130	48323	47.103	ug/l	91
45) 1,2-Dichloropropane	7.434	63	41677	45.823	ug/l	99
46) Dibromomethane	7.586	93	32776	46.816	ug/l	92
47) Bromodichloromethane	7.824	83	61951	47.065	ug/l	99
48) Methyl methacrylate	7.696	41	46380	45.652	ug/l	90
49) 1,4-Dioxane	7.702	88	21433	923.786	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	342402	239.388	ug/l	100
52) Toluene	8.720	92	119830	50.780	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	63640	46.722	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	66969	44.955	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	47920	49.283	ug/l	98
56) Ethyl methacrylate	9.116	69	72603	52.499	ug/l	94
57) 1,3-Dichloropropane	9.311	76	77416	48.517	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	95555	166.789	ug/l	94
59) 2-Hexanone	9.433	43	255924	238.245	ug/l	98
60) Dibromochloromethane	9.525	129	54263	52.553	ug/l	96
61) 1,2-Dibromoethane	9.610	107	52504	50.123	ug/l	96
64) Tetrachloroethene	9.275	164	49123	46.820	ug/l	94
65) Chlorobenzene	10.080	112	131369	48.768	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48755	50.165	ug/l	99
67) Ethyl Benzene	10.195	91	235469	49.509	ug/l	100
68) m/p-Xylenes	10.305	106	212543	111.202	ug/l	98
69) o-Xylene	10.640	106	99323	54.443	ug/l	97
70) Styrene	10.659	104	173764	57.850	ug/l	99
71) Bromoform	10.799	173	40275	51.793	ug/l #	99
73) Isopropylbenzene	10.964	105	273131	41.310	ug/l	100
74) N-amyl acetate	10.842	43	101581	37.906	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	84268	46.443	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	73887m	37.391	ug/l	
77) Bromobenzene	11.201	156	66656	40.905	ug/l	93
78) n-propylbenzene	11.305	91	326411	42.912	ug/l	99
79) 2-Chlorotoluene	11.366	91	193130	42.656	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	265734	47.359	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22263	36.276	ug/l	95
82) 4-Chlorotoluene	11.457	91	248525	46.773	ug/l	97
83) tert-Butylbenzene	11.713	119	249010	45.788	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	262512	47.506	ug/l	98
85) sec-Butylbenzene	11.890	105	324908	47.209	ug/l	99
86) p-Isopropyltoluene	12.012	119	282056	48.533	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	142323	45.568	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	153683	47.175	ug/l	98
89) n-Butylbenzene	12.335	91	229437	46.346	ug/l	99
90) Hexachloroethane	12.543	117	43412	43.472	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	148068	47.077	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17324	38.132	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	70417	40.631	ug/l	97
94) Hexachlorobutadiene	13.725	225	25535	41.665	ug/l	99
95) Naphthalene	13.774	128	252166	39.729	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71271	39.900	ug/l	98

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

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