

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031238.D
 Acq On : 09 Sep 2022 02:02
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Sep 09 02:46:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	37309	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	63801	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	71022	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57718	65.343	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 130.680%#			
35) Dibromofluoromethane	5.391	113	37181	53.478	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.960%			
50) Toluene-d8	8.653	98	127960	50.657	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.320%			
62) 4-Bromofluorobenzene	11.085	95	52375	56.578	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	31930	53.255	ug/l	98
3) Chloromethane	1.288	50	21071	45.734	ug/l	99
4) Vinyl Chloride	1.374	62	26676	49.048	ug/l	96
5) Bromomethane	1.605	94	18946	54.521	ug/l	97
6) Chloroethane	1.685	64	18091	59.296	ug/l	97
7) Trichlorofluoromethane	1.886	101	71024	59.929	ug/l	96
8) Diethyl Ether	2.136	74	18840	55.969	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.325	101	34399	51.328	ug/l	96
10) Methyl Iodide	2.453	142	43196	52.125	ug/l #	80
11) Tert butyl alcohol	2.989	59	52259	340.238	ug/l	96
12) 1,1-Dichloroethene	2.319	96	31909	50.656	ug/l	84
13) Acrolein	2.239	56	31249	254.729	ug/l	97
14) Allyl chloride	2.666	41	40389	47.729	ug/l #	64
15) Acrylonitrile	3.069	53	87756	260.913	ug/l	96
16) Acetone	2.386	43	91396	298.831	ug/l	91
17) Carbon Disulfide	2.514	76	80783	52.163	ug/l	99
18) Methyl Acetate	2.709	43	39846	50.326	ug/l #	83
19) Methyl tert-butyl Ether	3.117	73	132707	59.315	ug/l #	85
20) Methylene Chloride	2.788	84	36558	50.857	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	34755	49.796	ug/l	96
22) Diisopropyl ether	3.764	45	83916	47.226	ug/l #	92
23) Vinyl Acetate	3.727	43	397447	266.477	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	63450	53.834	ug/l	99
25) 2-Butanone	4.562	43	116943	258.137	ug/l #	88
26) 2,2-Dichloropropane	4.477	77	50232	47.628	ug/l	90
27) cis-1,2-Dichloroethene	4.495	96	40547	50.600	ug/l	96
28) Bromochloromethane	4.897	49	21755	50.904	ug/l #	76
29) Tetrahydrofuran	5.013	42	64175	239.937	ug/l #	71
30) Chloroform	5.099	83	79901	57.311	ug/l	97
31) Cyclohexane	5.477	56	45800	46.400	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	80147	63.783	ug/l	96
36) 1,1-Dichloropropene	5.696	75	52599	50.518	ug/l	96
37) Ethyl Acetate	4.721	43	45033	48.754	ug/l	99
38) Carbon Tetrachloride	5.678	117	69707	63.631	ug/l	97
39) Methylcyclohexane	7.385	83	58207	48.948	ug/l	90
40) Benzene	6.044	78	134036	47.388	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	24803	51.354	ug/l #	88
42) 1,2-Dichloroethane	6.092	62	71597	61.826	ug/l	92
43) Isopropyl Acetate	6.348	43	72802	49.990	ug/l #	96
44) Trichloroethene	7.129	130	41114	51.711	ug/l	93
45) 1,2-Dichloropropane	7.434	63	32751	47.116	ug/l	98
46) Dibromomethane	7.586	93	30084	54.579	ug/l	96
47) Bromodichloromethane	7.824	83	63480	59.205	ug/l	99
48) Methyl methacrylate	7.696	41	36509	51.481	ug/l #	81
49) 1,4-Dioxane	7.684	88	21702	1108.535	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	227431	255.032	ug/l	91
52) Toluene	8.720	92	94922	50.881	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	63267	56.641	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	63070	52.595	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	40177	52.382	ug/l	97
56) Ethyl methacrylate	9.116	69	61790	54.681	ug/l	89
57) 1,3-Dichloropropane	9.311	76	67159	50.675	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	128735	241.722	ug/l	90
59) 2-Hexanone	9.433	43	180559	267.740	ug/l	94
60) Dibromochloromethane	9.525	129	48469	61.295	ug/l	99
61) 1,2-Dibromoethane	9.610	107	44801	52.562	ug/l	99
64) Tetrachloroethene	9.275	164	37604	50.861	ug/l	91
65) Chlorobenzene	10.079	112	101427	48.505	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	44603	54.609	ug/l	94
67) Ethyl Benzene	10.195	91	193157	50.973	ug/l	93
68) m/p-Xylenes	10.305	106	144375	102.778	ug/l	86
69) o-Xylene	10.646	106	69043	49.248	ug/l	80
70) Styrene	10.659	104	118482	52.701	ug/l #	91
71) Bromoform	10.805	173	33607	61.755	ug/l #	100
73) Isopropylbenzene	10.963	105	194178	53.555	ug/l	97
74) N-amyl acetate	10.842	43	59541	51.581	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	11.213	83	57415	50.727	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	57928m	50.835	ug/l	
77) Bromobenzene	11.201	156	42412	53.821	ug/l	95
78) n-propylbenzene	11.305	91	220503	53.353	ug/l	97
79) 2-Chlorotoluene	11.366	91	140653	54.931	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	169853	55.723	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	18051	51.084	ug/l	86
82) 4-Chlorotoluene	11.457	91	161500	54.515	ug/l	93
83) tert-Butylbenzene	11.713	119	156908	52.218	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	166074	56.043	ug/l	91
85) sec-Butylbenzene	11.890	105	194113	52.160	ug/l	97
86) p-Isopropyltoluene	12.012	119	163334	54.327	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	77901	53.190	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	75760	50.301	ug/l	95
89) n-Butylbenzene	12.335	91	141831	54.715	ug/l	98
90) Hexachloroethane	12.542	117	30506	59.054	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	75448	52.531	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18333	58.977	ug/l	78
93) 1,2,4-Trichlorobenzene	13.591	180	45914	54.667	ug/l	98
94) Hexachlorobutadiene	13.725	225	19577	54.891	ug/l	97
95) Naphthalene	13.780	128	180869	54.973	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	46350	54.204	ug/l	97

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

