

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031587.D
 Acq On : 22 Sep 2022 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Sep 23 01:52:00 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	68420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	99009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63622	50.623	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.240%			
35) Dibromofluoromethane	5.385	113	55125	53.923	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.840%			
50) Toluene-d8	8.653	98	196243	49.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.500%			
62) 4-Bromofluorobenzene	11.079	95	80618	60.336	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 120.680%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55549	56.468	ug/l	96
3) Chloromethane	1.288	50	59253	45.403	ug/l	100
4) Vinyl Chloride	1.374	62	70518	47.387	ug/l	98
5) Bromomethane	1.611	94	74619	35.216	ug/l	99
6) Chloroethane	1.685	64	70168	54.718	ug/l	97
7) Trichlorofluoromethane	1.886	101	152533	45.189	ug/l	100
8) Diethyl Ether	2.136	74	50739	43.645	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.325	101	53530	48.590	ug/l	91
10) Methyl Iodide	2.453	142	64547	60.558	ug/l	99
11) Tert butyl alcohol	3.002	59	72545m	277.468	ug/l	
12) 1,1-Dichloroethene	2.319	96	52821	49.598	ug/l	89
13) Acrolein	2.239	56	22622	161.977	ug/l	87
14) Allyl chloride	2.666	41	74820	43.081	ug/l	93
15) Acrylonitrile	3.069	53	156166	236.502	ug/l	100
16) Acetone	2.392	43	131873	266.638	ug/l	97
17) Carbon Disulfide	2.514	76	120603	42.030	ug/l	99
18) Methyl Acetate	2.709	43	85106	45.388	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	204025	52.970	ug/l	98
20) Methylene Chloride	2.788	84	61866	55.445	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	62632	52.080	ug/l	88
22) Diisopropyl ether	3.764	45	178235	47.391	ug/l #	95
23) Vinyl Acetate	3.727	43	742007	230.702	ug/l #	92
24) 1,1-Dichloroethane	3.611	63	104051	48.957	ug/l	98
25) 2-Butanone	4.562	43	208403	215.130	ug/l	92
26) 2,2-Dichloropropane	4.477	77	72109	38.409	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	70757	48.817	ug/l	87
28) Bromochloromethane	4.904	49	39845	46.929	ug/l #	77
29) Tetrahydrofuran	5.013	42	135207	214.017	ug/l #	86
30) Chloroform	5.093	83	122637	52.612	ug/l	98
31) Cyclohexane	5.471	56	82164	44.149	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	108711	51.346	ug/l	98
36) 1,1-Dichloropropene	5.690	75	81767	51.956	ug/l	97
37) Ethyl Acetate	4.721	43	85320	45.444	ug/l	98
38) Carbon Tetrachloride	5.678	117	91595	52.506	ug/l	98
39) Methylcyclohexane	7.385	83	81093	41.878	ug/l	92
40) Benzene	6.038	78	245327	52.252	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45122	48.270	ug/l	94
42) 1,2-Dichloroethane	6.092	62	92347	53.362	ug/l	99
43) Isopropyl Acetate	6.342	43	132636	45.965	ug/l	95
44) Trichloroethene	7.129	130	63578	47.759	ug/l	87
45) 1,2-Dichloropropane	7.434	63	53680	45.483	ug/l	96
46) Dibromomethane	7.580	93	42305	46.567	ug/l	93
47) Bromodichloromethane	7.824	83	80689	47.240	ug/l	98
48) Methyl methacrylate	7.696	41	59420	45.073	ug/l	91
49) 1,4-Dioxane	7.696	88	28395	943.148	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	433909	233.784	ug/l	96
52) Toluene	8.720	92	171451	55.991	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	89688	50.742	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	86841	44.924	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	65008	51.523	ug/l	98
56) Ethyl methacrylate	9.116	69	98600	54.944	ug/l	93
57) 1,3-Dichloropropane	9.311	76	105047	50.734	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	146069	196.451	ug/l	92
59) 2-Hexanone	9.433	43	325605	233.590	ug/l	93
60) Dibromochloromethane	9.519	129	73865	55.130	ug/l	100
61) 1,2-Dibromoethane	9.610	107	76973	56.628	ug/l	100
64) Tetrachloroethene	9.275	164	67779	48.230	ug/l	90
65) Chlorobenzene	10.079	112	183434	50.839	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	66352	50.969	ug/l	98
67) Ethyl Benzene	10.195	91	327699	51.440	ug/l	97
68) m/p-Xylenes	10.305	106	293872	114.788	ug/l	96
69) o-Xylene	10.640	106	138639	56.735	ug/l	95
70) Styrene	10.653	104	227176	56.465	ug/l	98
71) Bromoform	10.799	173	54971	52.776	ug/l #	98
73) Isopropylbenzene	10.963	105	356676	47.988	ug/l	100
74) N-amyl acetate	10.842	43	122419	40.636	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	109052	54.053	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	97938m	44.088	ug/l	
77) Bromobenzene	11.201	156	89320	48.760	ug/l	92
78) n-propylbenzene	11.305	91	410307	47.983	ug/l	98
79) 2-Chlorotoluene	11.366	91	249434	49.007	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	326553	51.771	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	28138	40.785	ug/l	96
82) 4-Chlorotoluene	11.457	91	298002	49.890	ug/l	96
83) tert-Butylbenzene	11.713	119	309907	50.692	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	334468	53.842	ug/l	100
85) sec-Butylbenzene	11.890	105	381609	49.323	ug/l	99
86) p-Isopropyltoluene	12.012	119	339322	51.938	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	176186	50.179	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	186114	50.820	ug/l	98
89) n-Butylbenzene	12.335	91	265331	47.677	ug/l	98
90) Hexachloroethane	12.536	117	53722	47.855	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	179070	50.645	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24342	47.662	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	95269	48.900	ug/l	97
94) Hexachlorobutadiene	13.725	225	33838	51.307	ug/l	98
95) Naphthalene	13.774	128	356367	49.945	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97464	48.537	ug/l	99

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

