

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060123\
 Data File : VX035968.D
 Acq On : 01 Jun 2023 18:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Semsettin Yesilyurt 06/02/2023

Quant Time: Jun 02 01:43:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	196562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	343168	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152279	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150374	47.111	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.220%		
35) Dibromofluoromethane	5.385	113	112803	48.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.740%		
50) Toluene-d8	8.653	98	405873	48.996	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.000%		
62) 4-Bromofluorobenzene	11.079	95	161406	49.359	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.720%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	113900	53.036	ug/l	97
3) Chloromethane	1.294	50	114840	46.784	ug/l	99
4) Vinyl Chloride	1.374	62	111310	48.273	ug/l	98
5) Bromomethane	1.611	94	60785	40.025	ug/l	100
6) Chloroethane	1.691	64	67910	50.018	ug/l	98
7) Trichlorofluoromethane	1.886	101	172222	53.079	ug/l	95
8) Diethyl Ether	2.136	74	65341	46.370	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	104441	51.864	ug/l	99
10) Methyl Iodide	2.453	142	88173	37.196	ug/l	98
11) Tert butyl alcohol	3.014	59	154412	272.402	ug/l	96
12) 1,1-Dichloroethene	2.319	96	94233	47.786	ug/l	95
13) Acrolein	2.239	56	116991	214.261	ug/l	98
14) Allyl chloride	2.666	41	196852	48.561	ug/l	99
15) Acrylonitrile	3.075	53	350772	263.375	ug/l	99
16) Acetone	2.398	43	328569	249.514	ug/l	99
17) Carbon Disulfide	2.514	76	228848	46.313	ug/l	100
18) Methyl Acetate	2.709	43	273260	53.378	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	382397	49.504	ug/l	100
20) Methylene Chloride	2.788	84	115522	45.542	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	108580	48.167	ug/l	99
22) Diisopropyl ether	3.764	45	387307	49.121	ug/l	90
23) Vinyl Acetate	3.721	43	1427018	257.600	ug/l	99
24) 1,1-Dichloroethane	3.611	63	213741	48.875	ug/l	99
25) 2-Butanone	4.568	43	502205	266.457	ug/l	98
26) 2,2-Dichloropropane	4.477	77	164973	49.491	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	129802	47.977	ug/l	96
28) Bromochloromethane	4.897	49	108657	47.447	ug/l	94
29) Tetrahydrofuran	5.013	42	324756	267.386	ug/l	98
30) Chloroform	5.093	83	222228	49.335	ug/l	100
31) Cyclohexane	5.471	56	181466	54.299	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	194474	51.091	ug/l	99
36) 1,1-Dichloropropene	5.690	75	157726	51.251	ug/l	98
37) Ethyl Acetate	4.715	43	188757	55.073	ug/l	98
38) Carbon Tetrachloride	5.678	117	163126	54.392	ug/l	98
39) Methylcyclohexane	7.385	83	177911	55.407	ug/l	99
40) Benzene	6.044	78	463314	50.161	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	109344	56.238	ug/l	97
42) 1,2-Dichloroethane	6.086	62	186832	51.079	ug/l	98
43) Isopropyl Acetate	6.342	43	299029	53.061	ug/l	99
44) Trichloroethene	7.123	130	118102	49.290	ug/l	100
45) 1,2-Dichloropropane	7.434	63	122056	50.207	ug/l	98
46) Dibromomethane	7.580	93	85336	50.532	ug/l	98
47) Bromodichloromethane	7.824	83	165398	52.067	ug/l	98
48) Methyl methacrylate	7.696	41	149836	54.216	ug/l	97
49) 1,4-Dioxane	7.714	88	65279	1031.338	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	962226	279.718	ug/l	98
52) Toluene	8.720	92	294899	50.784	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	177275	52.792	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	194166	52.362	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	121010	50.017	ug/l	97
56) Ethyl methacrylate	9.116	69	194730	53.836	ug/l	96
57) 1,3-Dichloropropane	9.311	76	212975	51.151	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	489674	258.365	ug/l	98
59) 2-Hexanone	9.433	43	745844	293.268	ug/l	99
60) Dibromochloromethane	9.525	129	122714	52.249	ug/l	100
61) 1,2-Dibromoethane	9.610	107	128551	51.975	ug/l	100
64) Tetrachloroethene	9.275	164	95239	48.869	ug/l	96
65) Chlorobenzene	10.079	112	311960	49.852	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	114602	52.071	ug/l	99
67) Ethyl Benzene	10.195	91	570324	51.209	ug/l	98
68) m/p-Xylenes	10.299	106	434319	102.794	ug/l	97
69) o-Xylene	10.640	106	218683	51.506	ug/l	94
70) Styrene	10.659	104	361943	52.758	ug/l	98
71) Bromoform	10.799	173	82534	54.147	ug/l	100
73) Isopropylbenzene	10.963	105	562073	50.793	ug/l	99
74) N-amyl acetate	10.842	43	259082	53.715	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	194122	51.283	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	187271m	54.526	ug/l	
77) Bromobenzene	11.201	156	130959	47.856	ug/l	97
78) n-propylbenzene	11.305	91	653890	52.355	ug/l	98
79) 2-Chlorotoluene	11.366	91	405959	49.909	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	480913	51.546	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	52785	51.767	ug/l	96
82) 4-Chlorotoluene	11.457	91	465318	49.842	ug/l	97
83) tert-Butylbenzene	11.713	119	476816	53.495	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	484475	50.599	ug/l	99
85) sec-Butylbenzene	11.890	105	573245	54.221	ug/l	99
86) p-Isopropyltoluene	12.012	119	484544	53.606	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	253369	50.544	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	252042	47.729	ug/l	99
89) n-Butylbenzene	12.329	91	416626	54.558	ug/l	99
90) Hexachloroethane	12.536	117	76229	53.182	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	250748	50.249	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45470	58.206	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	145152	49.984	ug/l	99
94) Hexachlorobutadiene	13.725	225	56020	50.712	ug/l	97
95) Naphthalene	13.774	128	548317	54.250	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	147342	51.437	ug/l	100

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

