

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047790.D
 Acq On : 02 Apr 2022 10:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 04 09:03:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:00:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

04/04/2022
 Supervised By :Mahesh
 Dadoda

04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	313661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.253	114	454115	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.420	117	440151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	266852	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.703	65	162842	48.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.780%
35) Dibromofluoromethane	5.292	113	150428	49.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.780%
50) Toluene-d8	7.899	98	533795	48.652	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.300%
62) 4-Bromofluorobenzene	10.632	95	207230	48.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.388	85	185099	52.722	ug/l	100
3) Chloromethane	1.523	50	196531	50.196	ug/l	99
4) Vinyl Chloride	1.607	62	193706	52.705	ug/l	100
5) Bromomethane	1.858	94	145174	59.980	ug/l	99
6) Chloroethane	1.932	64	123159	51.207	ug/l	97
7) Trichlorofluoromethane	2.141	101	266333	51.801	ug/l	97
8) Diethyl Ether	2.379	74	101398	51.516	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.584	101	162235	52.763	ug/l	98
10) Methyl Iodide	2.726	142	146486	45.789	ug/l	99
11) Tert butyl alcohol	3.208	59	221622m	235.038	ug/l	
12) 1,1-Dichloroethene	2.584	96	155555	51.851	ug/l	98
13) Acrolein	2.491	56	89296	199.655	ug/l	99
14) Allyl chloride	2.925	41	222645	52.207	ug/l	99
15) Acrylonitrile	3.317	53	536943	237.371	ug/l	99
16) Acetone	2.633	43	678471	276.544	ug/l	100
17) Carbon Disulfide	2.797	76	446489	50.515	ug/l	99
18) Methyl Acetate	2.951	43	224207	48.839	ug/l	100
19) Methyl tert-butyl Ether	3.366	73	498037	52.663	ug/l	99
20) Methylene Chloride	3.051	84	180946	49.661	ug/l	98
21) trans-1,2-Dichloroethene	3.356	96	172154	52.613	ug/l	97
22) Diisopropyl ether	3.996	45	459146	54.134	ug/l #	79
23) Vinyl Acetate	3.957	43	2085276	271.026	ug/l	99
24) 1,1-Dichloroethane	3.874	63	295712	53.011	ug/l	100
25) 2-Butanone	4.707	43	824769	266.949	ug/l	98
26) 2,2-Dichloropropane	4.671	77	264657	53.533	ug/l	98
27) cis-1,2-Dichloroethene	4.671	96	194482	52.353	ug/l	99
28) Bromochloromethane	4.977	49	112062	56.160	ug/l	97
29) Tetrahydrofuran	5.054	42	450111	235.404	ug/l	99
30) Chloroform	5.092	83	316146	52.600	ug/l	99
31) Cyclohexane	5.391	56	254375	50.695	ug/l	98
32) 1,1,1-Trichloroethane	5.321	97	275167	53.091	ug/l	99
36) 1,1-Dichloropropene	5.530	75	236658	55.045	ug/l	99
37) Ethyl Acetate	4.806	43	268369	46.353	ug/l #	92
38) Carbon Tetrachloride	5.530	117	249760	54.468	ug/l	98
39) Methylcyclohexane	6.768	83	282774	53.795	ug/l	99
40) Benzene	5.777	78	691359	54.104	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.973	41	133619	51.113	ug/l	97
42) 1,2-Dichloroethane	5.797	62	242045	54.406	ug/l	99
43) Isopropyl Acetate	5.912	43	380741	52.404	ug/l	100
44) Trichloroethene	6.546	130	196792	53.118	ug/l	100
45) 1,2-Dichloropropane	6.793	63	176391	54.825	ug/l	100
46) Dibromomethane	6.922	93	134370	52.880	ug/l	98
47) Bromodichloromethane	7.108	83	251716	53.816	ug/l	100
48) Methyl methacrylate	6.960	41	176296	52.991	ug/l	100
49) 1,4-Dioxane	6.989	88	98702	971.279	ug/l #	1
51) 4-Methyl-2-Pentanone	7.793	43	1346284	253.120	ug/l	100
52) Toluene	7.970	92	445405	54.495	ug/l	100
53) t-1,3-Dichloropropene	8.211	75	280730	53.845	ug/l	99
54) cis-1,3-Dichloropropene	7.610	75	294246	54.948	ug/l	99
55) 1,1,2-Trichloroethane	8.401	97	184815	52.869	ug/l	99
56) Ethyl methacrylate	8.337	69	272926	54.377	ug/l	99
57) 1,3-Dichloropropane	8.578	76	303381	53.337	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.465	63	110122	272.514	ug/l	100
59) 2-Hexanone	8.687	43	1162160	266.431	ug/l	100
60) Dibromochloromethane	8.812	129	215173	53.600	ug/l	99
61) 1,2-Dibromoethane	8.925	107	209370	52.755	ug/l	99
64) Tetrachloroethene	8.555	164	175008	53.763	ug/l	98
65) Chlorobenzene	9.449	112	500957	53.373	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.536	131	186461	53.935	ug/l	99
67) Ethyl Benzene	9.571	91	850258	55.325	ug/l	100
68) m/p-Xylenes	9.693	106	690090	114.194	ug/l	100
69) o-Xylene	10.102	106	326989	56.504	ug/l	99
70) Styrene	10.115	104	554606	57.694	ug/l	100
71) Bromoform	10.291	173	189263	53.557	ug/l #	99
73) Isopropylbenzene	10.484	105	855784	54.835	ug/l	100
74) N-amyl acetate	10.320	43	331605	53.762	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	340456	52.245	ug/l	100
76) 1,2,3-Trichloropropane	10.825	75	384612	51.487	ug/l	99
77) Bromobenzene	10.783	156	238390	53.155	ug/l	98
78) n-propylbenzene	10.906	91	1039828	55.767	ug/l	100
79) 2-Chlorotoluene	10.986	91	607614	54.232	ug/l	99
80) 1,3,5-Trimethylbenzene	11.089	105	735187	55.868	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.549	75	111667	53.207	ug/l	99
82) 4-Chlorotoluene	11.099	91	709751	54.527	ug/l	99
83) tert-Butylbenzene	11.423	119	732720	54.160	ug/l	100
84) 1,2,4-Trimethylbenzene	11.468	105	731750	55.958	ug/l	100
85) sec-Butylbenzene	11.645	105	914851	55.403	ug/l	100
86) p-Isopropyltoluene	11.793	119	793051	56.018	ug/l	99
87) 1,3-Dichlorobenzene	11.748	146	462394	51.787	ug/l	100
88) 1,4-Dichlorobenzene	11.838	146	470030	51.397	ug/l	99
89) n-Butylbenzene	12.208	91	722931	54.643	ug/l	100
90) Hexachloroethane	12.478	117	151812	53.010	ug/l	100
91) 1,2-Dichlorobenzene	12.214	146	460625	53.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.999	75	84025	51.756	ug/l	98
93) 1,2,4-Trichlorobenzene	13.841	180	339294	55.149	ug/l	100
94) Hexachlorobutadiene	14.024	225	163136	52.559	ug/l	98
95) Naphthalene	14.086	128	992443	54.135	ug/l	100
96) 1,2,3-Trichlorobenzene	14.330	180	330681	55.114	ug/l	100

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

