

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010220\
 Data File : VU036388.D
 Acq On : 02 Jan 2020 11:26
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Jan 03 00:33:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 02 16:29:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	301843	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	292223	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136479	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	87822	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	90091	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	182886	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.20%
20) 2-Butanone-d5	4.69	46	301613	53.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.84%
24) Chloroform-d	5.11	84	212822	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.75	65	113694	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	393409	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.73	67	129572	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.93	98	372410	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	8.21	79	57364	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.67	63	276068	51.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.90%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	114633	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	138367	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	107072	4.441 ug/L	99
3) Chloromethane	1.54	50	102962	4.417 ug/L	99
5) Vinyl chloride	1.62	62	114005	4.514 ug/L	100
6) Bromomethane	1.87	94	64227	4.413 ug/L	93
8) Chloroethane	1.95	64	66433	4.445 ug/L	97
9) Trichlorofluoromethane	2.16	101	160145	4.470 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	87725	4.709 ug/L	98
12) 1,1-Dichloroethene	2.61	96	86040	4.683 ug/L	94
13) Acetone	2.67	43	158055	43.860 ug/L	96
14) Carbon disulfide	2.82	76	271781	4.510 ug/L	98
15) Methyl Acetate	2.99	43	37968	4.774 ug/L	100
16) Methylene chloride	3.08	84	100720	4.318 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	254545	4.789 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	92076	4.476 ug/L	99
19) 1,1-Dichloroethane	3.92	63	179296	4.813 ug/L	97
21) 2-Butanone	4.77	43	293749	50.376 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	107803	4.669 ug/L #	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	45550	4.735	ug/L	94
25) Chloroform	5.13	83	183421	4.638	ug/L	98
27) 1,2-Dichloroethane	5.84	62	121828	4.678	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	168766	4.643	ug/L	99
30) Cyclohexane	5.43	56	167958	4.645	ug/L	93
31) Carbon tetrachloride	5.56	117	143855	4.654	ug/L	96
33) Benzene	5.81	78	403073	4.655	ug/L	100
34) Trichloroethene	6.58	95	109283	4.686	ug/L	98
35) Methylcyclohexane	6.80	83	186576	5.048	ug/L	97
37) 1,2-Dichloropropane	6.83	63	104095	4.660	ug/L	100
38) Bromodichloromethane	7.14	83	144680	4.693	ug/L #	96
39) cis-1,3-Dichloropropene	7.64	75	172373	4.707	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	730875	46.452	ug/L	99
42) Toluene	8.00	91	443539	4.630	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	139405	4.634	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	75773	4.665	ug/L	98
47) Tetrachloroethene	8.58	164	77281	4.708	ug/L	99
48) 2-Hexanone	8.72	43	527493	47.365	ug/L	99
49) Dibromochloromethane	8.84	129	97256	4.525	ug/L	93
50) 1,2-Dibromoethane	8.95	107	76074	4.620	ug/L #	99
51) Chlorobenzene	9.47	112	282522	4.729	ug/L	99
52) Ethylbenzene	9.60	91	513076	4.832	ug/L	98
53) m,p-Xylene	9.72	106	193495	4.742	ug/L	97
54) o-Xylene	10.12	106	189610	4.784	ug/L	100
55) Styrene	10.14	104	314724	4.672	ug/L	99
56) Isopropylbenzene	10.51	105	499276	4.745	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	103056	4.706	ug/L	94
59) 1,2,3-Trichloropropane	10.85	75	71169	4.619	ug/L	98
61) Bromoform	10.32	173	54154	4.449	ug/L	94
62) 1,3-Dichlorobenzene	11.77	146	217370	4.764	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	215185	4.769	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	207878	4.837	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	17722	4.487	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	154158	4.755	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	110044	4.622	ug/L	99
69) Naphthalene	14.10	128	153702	3.708	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	97758	4.259	ug/L	96

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

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