

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121219\
 Data File : VU036188.D
 Acq On : 13 Dec 2019 08:06
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Dec 13 08:26:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 13 04:38:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	264534	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	290968	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	137620	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	122413	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.93	69	111813	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.60	63	167828	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.68	46	199915	46.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.84%
24) Chloroform-d	5.11	84	178082	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.75	65	90742	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.77	84	352897	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.73	67	104167	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	7.93	98	330083	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.21	79	41546	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.67	63	162339	43.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.30%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	87947	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	115060	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	120299	4.103	ug/L 100
3) Chloromethane	1.54	50	140130	3.702	ug/L 99
5) Vinyl chloride	1.62	62	147848	4.185	ug/L 99
6) Bromomethane	1.87	94	72261	3.327	ug/L 100
8) Chloroethane	1.95	64	92793	4.267	ug/L 99
9) Trichlorofluoromethane	2.16	101	204417	4.746	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	95978	4.496	ug/L 97
12) 1,1-Dichloroethene	2.61	96	88462	4.438	ug/L 83
13) Acetone	2.66	43	156527	41.777	ug/L 97
14) Carbon disulfide	2.83	76	272682	4.116	ug/L 100
15) Methyl Acetate	2.99	43	33090	4.142	ug/L 97
16) Methylene chloride	3.08	84	131183	4.706	ug/L 98
17) Methyl tert-butyl Ether	3.41	73	191250	4.614	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	91378	4.418	ug/L 99
19) 1,1-Dichloroethane	3.92	63	177311	4.661	ug/L 98
21) 2-Butanone	4.76	43	228854	45.818	ug/L 99
22) cis-1,2-Dichloroethene	4.72	96	99486	4.673	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	50701	4.785	ug/L	97
25) Chloroform	5.14	83	199255	4.955	ug/L	99
27) 1,2-Dichloroethane	5.84	62	114758	4.868	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	160007	4.485	ug/L	99
30) Cyclohexane	5.43	56	126010	4.149	ug/L	99
31) Carbon tetrachloride	5.57	117	144500	4.526	ug/L	99
33) Benzene	5.82	78	404489	4.519	ug/L	100
34) Trichloroethene	6.58	95	117674	5.141	ug/L	96
35) Methylcyclohexane	6.80	83	128675	3.944	ug/L	96
37) 1,2-Dichloropropane	6.83	63	101429	4.393	ug/L	100
38) Bromodichloromethane	7.14	83	135353	4.593	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	130641	4.281	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	526876	45.207	ug/L	98
42) Toluene	8.00	91	442644	4.670	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	109274	4.247	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	77657	4.560	ug/L	95
47) Tetrachloroethene	8.58	164	87316	4.354	ug/L	98
48) 2-Hexanone	8.72	43	403441	47.189	ug/L	98
49) Dibromochloromethane	8.84	129	93048	4.411	ug/L	97
50) 1,2-Dibromoethane	8.96	107	72576	4.547	ug/L	95
51) Chlorobenzene	9.48	112	279103	4.522	ug/L	100
52) Ethylbenzene	9.60	91	418737	4.541	ug/L	99
53) m,p-Xylene	9.72	106	167542	4.626	ug/L	95
54) o-Xylene	10.13	106	154733	4.472	ug/L	96
55) Styrene	10.14	104	287064	4.682	ug/L	100
56) Isopropylbenzene	10.51	105	401209	4.538	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	82284	3.843	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	70249	4.615	ug/L	99
61) Bromoform	10.32	173	57100	4.357	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	209042	4.604	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	206835	4.662	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	203940	4.684	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	12665	4.556	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	124051	4.216	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	75678	4.910	ug/L	97
69) Naphthalene	14.11	128	98844	6.232	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	79621	5.544	ug/L	99

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

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