

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U121819\
 Data File : VU036264.D
 Acq On : 18 Dec 2019 09:49
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Dec 19 00:45:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 18 09:02:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	254458	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	273737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	137587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	138985	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.93	69	123229	6.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.80%
11) 1,1-Dichloroethene-d2	2.60	63	188863	5.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.80%
20) 2-Butanone-d5	4.68	46	197820	47.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.24%
24) Chloroform-d	5.11	84	204542	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	5.75	65	99718	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.77	84	387107	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.60%
36) 1,2-Dichloropropane-d6	6.73	67	114994	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.93	98	371810	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.80%
43) trans-1,3-Dichloropropene-	8.21	79	48639	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
46) 2-Hexanone-d5	8.67	63	173099	50.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	101340	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	131658	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	140687	4.954 ug/L	99
3) Chloromethane	1.54	50	146855	4.121 ug/L	98
5) Vinyl chloride	1.62	62	159053	4.704 ug/L	100
6) Bromomethane	1.87	94	97598	5.777 ug/L	96
8) Chloroethane	1.95	64	96765	4.792 ug/L	100
9) Trichlorofluoromethane	2.16	101	214793	5.041 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	104853	5.136 ug/L	99
12) 1,1-Dichloroethene	2.61	96	92640	4.908 ug/L #	84
13) Acetone	2.66	43	149734	40.927 ug/L	96
14) Carbon disulfide	2.83	76	306281	4.836 ug/L	99
15) Methyl Acetate	2.99	43	37667	5.096 ug/L	96
16) Methylene chloride	3.08	84	118994	4.288 ug/L	98
17) Methyl tert-butyl Ether	3.41	73	186460	4.609 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	96376	4.875 ug/L	96
19) 1,1-Dichloroethane	3.92	63	182078	4.988 ug/L	96
21) 2-Butanone	4.76	43	223423	45.701 ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	101216	4.773 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	5.02	128	51369	5.006	ug/L	97
25) Chloroform	5.13	83	196420	4.975	ug/L	97
27) 1,2-Dichloroethane	5.84	62	118040	5.041	ug/L #	95
29) 1,1,1-Trichloroethane	5.36	97	168645	5.004	ug/L	100
30) Cyclohexane	5.43	56	130829	4.563	ug/L	98
31) Carbon tetrachloride	5.57	117	157325	5.120	ug/L	98
33) Benzene	5.82	78	412444	4.902	ug/L	100
34) Trichloroethene	6.58	95	104010	4.796	ug/L	96
35) Methylcyclohexane	6.80	83	141388	4.585	ug/L	96
37) 1,2-Dichloropropane	6.83	63	104440	4.866	ug/L	98
38) Bromodichloromethane	7.14	83	137471	4.921	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	137913	4.716	ug/L	97
40) 4-Methyl-2-pentanone	7.83	43	532621	47.444	ug/L	99
42) Toluene	8.00	91	456482	5.062	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	120807	4.918	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	80233	4.989	ug/L	96
47) Tetrachloroethene	8.58	164	97239	4.964	ug/L	93
48) 2-Hexanone	8.72	43	390965	46.665	ug/L	96
49) Dibromochloromethane	8.84	129	104286	5.247	ug/L	99
50) 1,2-Dibromoethane	8.95	107	75212	4.903	ug/L	98
51) Chlorobenzene	9.47	112	286753	4.816	ug/L	97
52) Ethylbenzene	9.60	91	425635	4.699	ug/L	98
53) m,p-Xylene	9.72	106	170748	4.893	ug/L	96
54) o-Xylene	10.13	106	161613	4.802	ug/L	94
55) Styrene	10.14	104	288597	4.845	ug/L	98
56) Isopropylbenzene	10.51	105	414596	4.797	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	101605	4.962	ug/L	97
59) 1,2,3-Trichloropropane	10.85	75	71267	4.996	ug/L	97
61) Bromoform	10.32	173	60782	5.089	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	226767	4.885	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	225489	4.898	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	210561	4.761	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	14500	4.936	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	147978	4.254	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	93284	4.082	ug/L	99
69) Naphthalene	14.11	128	115271	3.965	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	92974	4.207	ug/L	99

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

