

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035844.D
 Acq On : 26 Nov 2019 00:11
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Nov 26 01:09:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	258971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	284345	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	159353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	140849	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.93	69	134012	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	243091	3.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.40%
20) 2-Butanone-d5	4.69	46	500538	63.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.86%
24) Chloroform-d	5.11	84	286101	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.75	65	158281	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.77	84	526195	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.73	67	181367	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.93	98	486093	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	8.21	79	70076	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.68	63	428043	74.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.74%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	169264	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	167991	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	151438	4.316	ug/L	100
3) Chloromethane	1.54	50	191680	4.437	ug/L	98
5) Vinyl chloride	1.62	62	199722	4.619	ug/L	93
6) Bromomethane	1.87	94	105568	4.750	ug/L	97
8) Chloroethane	1.95	64	118921	4.753	ug/L	97
9) Trichlorofluoromethane	2.16	101	231707	4.614	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	124602	4.368	ug/L	95
12) 1,1-Dichloroethene	2.61	96	116309	4.316	ug/L	93
13) Acetone	2.67	43	294092	42.771	ug/L	97
14) Carbon disulfide	2.82	76	371724	4.153	ug/L	99
15) Methyl Acetate	2.99	43	69954	5.075	ug/L	100
16) Methylene chloride	3.08	84	173465	5.329	ug/L	99
17) Methyl tert-butyl Ether	3.42	73	317017	4.862	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	122871	4.631	ug/L	99
19) 1,1-Dichloroethane	3.92	63	274707	4.608	ug/L	98
21) 2-Butanone	4.77	43	478818	55.030	ug/L	99
22) cis-1,2-Dichloroethene	4.72	96	143071	4.839	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	62647	4.863	ug/L	98
25) Chloroform	5.14	83	267777	4.616	ug/L	100
27) 1,2-Dichloroethane	5.84	62	184231	4.829	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	216457	4.714	ug/L	99
30) Cyclohexane	5.43	56	211148	4.706	ug/L	99
31) Carbon tetrachloride	5.57	117	188932	4.752	ug/L	99
33) Benzene	5.82	78	575756	4.851	ug/L	100
34) Trichloroethene	6.58	95	199314	6.849	ug/L	98
35) Methylcyclohexane	6.80	83	196631	4.604	ug/L	98
37) 1,2-Dichloropropane	6.83	63	160073	4.755	ug/L	99
38) Bromodichloromethane	7.15	83	192065	4.760	ug/L	100
39) cis-1,3-Dichloropropene	7.65	75	209464	4.807	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	1133845	54.862	ug/L	100
42) Toluene	8.00	91	593137	4.804	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	177648	4.916	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	109256	4.981	ug/L	97
47) Tetrachloroethene	8.58	164	100480	4.537	ug/L	98
48) 2-Hexanone	8.73	43	865686	56.894	ug/L	95
49) Dibromochloromethane	8.84	129	129083	4.988	ug/L	100
50) 1,2-Dibromoethane	8.96	107	103192	5.141	ug/L	98
51) Chlorobenzene	9.48	112	353262	4.619	ug/L	96
52) Ethylbenzene	9.60	91	587279	4.600	ug/L	99
53) m,p-Xylene	9.72	106	218855	4.862	ug/L	95
54) o-Xylene	10.13	106	211105	4.829	ug/L	99
55) Styrene	10.14	104	366494	5.055	ug/L	98
56) Isopropylbenzene	10.51	105	554966	4.806	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	154582	5.093	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	111625	5.100	ug/L	99
61) Bromoform	10.32	173	74044	4.625	ug/L	96
62) 1,3-Dichlorobenzene	11.77	146	268698	4.698	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	261873	4.651	ug/L	98
65) 1,2-Dichlorobenzene	12.24	146	264561	4.848	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	23031	5.101	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	181504	5.281	ug/L	100
68) 1,2,4-trichlorobenzene	13.86	180	105929	5.363	ug/L	98
69) Naphthalene	14.11	128	118242	4.251	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	104044	5.416	ug/L	99

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

