

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030119\
 Data File : VU029750.D
 Acq On : 01 Mar 2019 08:52
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00544

Quant Time: Mar 01 22:11:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 00:18:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	244872	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	238660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	128490	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65035	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.68	69	66673	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.27	63	138661	4.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.80%
20) 2-Butanone-d5	4.19	46	220368	60.95	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.90%
24) Chloroform-d	4.65	84	129673	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.31	65	76826	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	5.34	84	293731	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.33	67	94431	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.56	98	274730	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.85	79	37146	5.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.40%
46) 2-Hexanone-d5	8.31	63	213174	59.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	85980	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	119746	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	99124	5.185	ug/L 98
3) Chloromethane	1.32	50	87968	5.325	ug/L 100
5) Vinyl chloride	1.40	62	100387	4.807	ug/L 98
6) Bromomethane	1.63	94	61858	5.350	ug/L 97
8) Chloroethane	1.70	64	61720	4.562	ug/L 96
9) Trichlorofluoromethane	1.88	101	139945	4.519	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	88342	4.623	ug/L 99
12) 1,1-Dichloroethene	2.28	96	82297	4.530	ug/L 95
13) Acetone	2.33	43	121046	46.600	ug/L 98
14) Carbon disulfide	2.48	76	262279	4.396	ug/L 100
15) Methyl Acetate	2.62	43	33043	4.360	ug/L 100
16) Methylene chloride	2.70	84	90434	4.210	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	200698	4.621	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	88620	4.483	ug/L 99
19) 1,1-Dichloroethane	3.44	63	152543	4.956	ug/L 99
21) 2-Butanone	4.28	43	189339	52.533	ug/L 98
22) cis-1,2-Dichloroethene	4.22	96	91410	5.049	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	41840	5.122	ug/L	97
25) Chloroform	4.67	83	172676	5.604	ug/L	99
27) 1,2-Dichloroethane	5.40	62	91377	5.022	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	127847	5.153	ug/L	99
30) Cyclohexane	4.99	56	124464	5.069	ug/L	100
31) Carbon tetrachloride	5.13	117	110275	5.107	ug/L	99
33) Benzene	5.38	78	328744	5.213	ug/L	100
34) Trichloroethene	6.18	95	89132	5.062	ug/L	97
35) Methylcyclohexane	6.41	83	145530	5.096	ug/L	98
37) 1,2-Dichloropropane	6.43	63	85828	5.402	ug/L	99
38) Bromodichloromethane	6.75	83	103588	5.223	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	122328	5.260	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	459797	51.490	ug/L	99
42) Toluene	7.63	91	363275	5.078	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	98135	5.257	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	62577	5.030	ug/L	98
47) Tetrachloroethene	8.22	164	79164	4.842	ug/L	99
48) 2-Hexanone	8.36	43	334779	51.261	ug/L	98
49) Dibromochloromethane	8.47	129	77849	5.165	ug/L	99
50) 1,2-Dibromoethane	8.58	107	62454	5.128	ug/L	99
51) Chlorobenzene	9.12	112	244165	4.968	ug/L	99
52) Ethylbenzene	9.25	91	399163	4.989	ug/L	99
53) m,p-xylene	9.37	106	155767	4.856	ug/L	96
54) o-xylene	9.78	106	154059	4.988	ug/L	97
55) Styrene	9.79	104	259687	5.033	ug/L	99
56) Isopropylbenzene	10.16	105	410099	4.948	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	80035	5.219	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	53641	5.056	ug/L	96
61) Bromoform	9.95	173	45511	5.341	ug/L	97
62) 1,3-Dichlorobenzene	11.41	146	201252	4.933	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	204842	4.951	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	197323	5.010	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	11104	4.796	ug/L	89
67) 1,3,5-Trichlorobenzene	12.88	180	164461	5.006	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	135763	4.891	ug/L	98
69) Naphthalene	13.74	128	220006	5.126	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	129433	4.979	ug/L	98

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

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