

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\
 Data File : VU029410.D
 Acq On : 11 Feb 2019 20:43
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00550

Quant Time: Feb 12 01:25:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 12 01:17:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	216922	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	207439	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	117358	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	74246	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.68	69	63725	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.27	63	158462	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.60%
20) 2-Butanone-d5	4.19	46	151917	52.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.38%
24) Chloroform-d	4.65	84	127027	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.31	65	59964	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.34	84	252970	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.33	67	73698	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.56	98	250255	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
43) trans-1,3-Dichloropropene-	7.85	79	32280	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
46) 2-Hexanone-d5	8.31	63	157371	52.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62374	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	106204	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	87915	5.031	ug/L 99
3) Chloromethane	1.32	50	75261	4.558	ug/L 100
5) Vinyl chloride	1.40	62	92513	4.976	ug/L 85
6) Bromomethane	1.63	94	28540	2.158	ug/L 97
8) Chloroethane	1.70	64	56836	4.907	ug/L 99
9) Trichlorofluoromethane	1.88	101	143425	5.039	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	85007	5.030	ug/L 99
12) 1,1-Dichloroethene	2.28	96	80458	5.062	ug/L 93
13) Acetone	2.32	43	119974	51.992	ug/L 99
14) Carbon disulfide	2.48	76	267328	4.994	ug/L 100
15) Methyl Acetate	2.62	43	33256	5.158	ug/L 99
16) Methylene chloride	2.70	84	84610	4.841	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	202300	5.052	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	86501	5.008	ug/L 98
19) 1,1-Dichloroethane	3.44	63	116157	4.410	ug/L 99
21) 2-Butanone	4.28	43	153726	53.699	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	77421	4.990	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	35042	4.937	ug/L	94
25) Chloroform	4.67	83	125367	5.011	ug/L	98
27) 1,2-Dichloroethane	5.41	62	75177	5.097	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	113724	4.960	ug/L	98
30) Cyclohexane	4.99	56	108760	4.990	ug/L	97
31) Carbon tetrachloride	5.13	117	104252	4.956	ug/L	99
33) Benzene	5.39	78	272170	5.123	ug/L	100
34) Trichloroethene	6.18	95	77182	5.086	ug/L	97
35) Methylcyclohexane	6.41	83	126444	4.865	ug/L	99
37) 1,2-Dichloropropane	6.43	63	69224	5.141	ug/L	100
38) Bromodichloromethane	6.76	83	89798	4.867	ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	105828	4.874	ug/L	97
40) 4-Methyl-2-pentanone	7.46	43	391208	51.424	ug/L	100
42) Toluene	7.63	91	307591	5.071	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	85165	4.674	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	53655	5.110	ug/L	97
47) Tetrachloroethene	8.22	164	70855	5.030	ug/L	96
48) 2-Hexanone	8.36	43	276856	52.540	ug/L	99
49) Dibromochloromethane	8.48	129	69899	4.839	ug/L	100
50) 1,2-Dibromoethane	8.59	107	51827	5.100	ug/L	99
51) Chlorobenzene	9.12	112	207898	4.967	ug/L	99
52) Ethylbenzene	9.25	91	353360	5.112	ug/L	99
53) m,p-xylene	9.37	106	138647	5.020	ug/L	98
54) o-xylene	9.77	106	138598	5.168	ug/L	99
55) Styrene	9.79	104	225779	5.055	ug/L	100
56) Isopropylbenzene	10.16	105	363462	5.099	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	63877	4.931	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	43705	5.114	ug/L	98
61) Bromoform	9.95	173	42304	4.588	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	180287	4.962	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	180444	4.878	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	169832	4.981	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.65	75	10460	4.570	ug/L	96
67) 1,3,5-Trichlorobenzene	12.88	180	147751	4.924	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	128036	4.879	ug/L	100
69) Naphthalene	13.74	128	208236	5.115	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	117353	4.945	ug/L	98

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

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