

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU011819\
 Data File : VU029214.D
 Acq On : 18 Jan 2019 09:35
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00555

Quant Time: Jan 18 22:50:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 11 23:23:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	136086	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	131914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	62486	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	38545	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.68	69	31442	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.27	63	76777	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.21	46	114734	60.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.56%
24) Chloroform-d	4.65	84	76235	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.31	65	37429	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.34	84	153313	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.33	67	53108	5.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.80%
41) Toluene-d8	7.56	98	142935	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.85	79	20470	5.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.40%
46) 2-Hexanone-d5	8.31	63	95797	56.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	41769	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	50638	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	62000	5.202	ug/L 100
3) Chloromethane	1.32	50	65881	4.954	ug/L 99
5) Vinyl chloride	1.40	62	70793	5.210	ug/L 97
6) Bromomethane	1.63	94	30969	4.923	ug/L 97
8) Chloroethane	1.70	64	37959	4.895	ug/L 98
9) Trichlorofluoromethane	1.88	101	75074	4.831	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	46846	4.672	ug/L 98
12) 1,1-Dichloroethene	2.28	96	44777	4.592	ug/L 90
13) Acetone	2.36	43	82836	53.914	ug/L 99
14) Carbon disulfide	2.48	76	158657	4.657	ug/L 99
15) Methyl Acetate	2.63	43	23303	5.176	ug/L 95
16) Methylene chloride	2.70	84	49020	3.512	ug/L 90
17) Methyl tert-butyl Ether	3.00	73	111304	4.649	ug/L 96
18) trans-1,2-Dichloroethene	2.98	96	47680	4.454	ug/L 93
19) 1,1-Dichloroethane	3.44	63	92808	5.106	ug/L 99
21) 2-Butanone	4.30	43	137634	59.875	ug/L 94
22) cis-1,2-Dichloroethene	4.22	96	55114	4.977	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	23549	5.240	ug/L	93
25) Chloroform	4.67	83	91206	5.282	ug/L	98
27) 1,2-Dichloroethane	5.40	62	54020	5.288	ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	72713	5.019	ug/L	97
30) Cyclohexane	4.99	56	85662	4.935	ug/L	94
31) Carbon tetrachloride	5.13	117	59961	5.198	ug/L	100
33) Benzene	5.39	78	210493	4.990	ug/L	100
34) Trichloroethene	6.18	95	53013	4.916	ug/L	95
35) Methylcyclohexane	6.41	83	85574	4.619	ug/L	94
37) 1,2-Dichloropropane	6.43	63	57912	5.389	ug/L	100
38) Bromodichloromethane	6.76	83	65047	5.376	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	77065	5.002	ug/L	100
40) 4-Methyl-2-pentanone	7.47	43	326241	57.055	ug/L	96
42) Toluene	7.63	91	219307	4.857	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	63213	5.265	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	37594	5.141	ug/L	94
47) Tetrachloroethene	8.22	164	41262	4.619	ug/L	97
48) 2-Hexanone	8.37	43	235794	59.614	ug/L	96
49) Dibromochloromethane	8.48	129	42692	5.499	ug/L	98
50) 1,2-Dibromoethane	8.58	107	35818	5.236	ug/L	99
51) Chlorobenzene	9.12	112	133213	4.704	ug/L	97
52) Ethylbenzene	9.25	91	224848	4.694	ug/L	97
53) m,p-xylene	9.37	106	84885	4.657	ug/L	93
54) o-xylene	9.78	106	84293	4.764	ug/L	99
55) Styrene	9.79	104	144865	4.919	ug/L	99
56) Isopropylbenzene	10.16	105	217100	4.652	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	49440	5.522	ug/L #	98
59) 1,2,3-Trichloropropane	10.49	75	33663	5.373	ug/L	100
61) Bromoform	9.96	173	24768	5.809	ug/L	95
62) 1,3-Dichlorobenzene	11.41	146	98752	4.675	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	103608	4.807	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	99454	4.976	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	6664	5.647	ug/L	93
67) 1,3,5-Trichlorobenzene	12.89	180	80147	4.904	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	65797	4.831	ug/L	97
69) Naphthalene	13.74	128	106464	4.570	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	62088	4.779	ug/L	99

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

