

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030619\
 Data File : VU029823.D
 Acq On : 05 Mar 2019 15:35
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00546

Quant Time: Mar 06 02:49:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 22:12:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	264449	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	257108	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140563	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	88922	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.68	69	70461	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.80%
11) 1,1-Dichloroethene-d2	2.27	63	161296	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	4.21	46	197368	50.54	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.08%
24) Chloroform-d	4.65	84	142684	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.31	65	73919	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	5.33	84	317059	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.33	67	92403	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	7.56	98	305175	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.85	79	38123	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.31	63	190853	49.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	79100	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	123014	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	105868	5.128	ug/L 100
3) Chloromethane	1.32	50	95562	5.356	ug/L 100
5) Vinyl chloride	1.40	62	110852	4.915	ug/L 96
6) Bromomethane	1.63	94	68202	5.462	ug/L 99
8) Chloroethane	1.70	64	67261	4.603	ug/L 98
9) Trichlorofluoromethane	1.88	101	153065	4.577	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	94964	4.602	ug/L 99
12) 1,1-Dichloroethene	2.28	96	88876	4.530	ug/L 89
13) Acetone	2.35	43	131267	46.793	ug/L 96
14) Carbon disulfide	2.47	76	279791	4.342	ug/L 99
15) Methyl Acetate	2.63	43	38348	4.686	ug/L 99
16) Methylene chloride	2.70	84	99605	4.293	ug/L 98
17) Methyl tert-butyl Ether	3.00	73	217413	4.635	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	97454	4.565	ug/L 98
19) 1,1-Dichloroethane	3.44	63	163132	4.908	ug/L 98
21) 2-Butanone	4.30	43	216295	55.569	ug/L 99
22) cis-1,2-Dichloroethene	4.22	96	101313	5.182	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	44569	5.052	ug/L	92
25) Chloroform	4.67	83	177721	5.341	ug/L	100
27) 1,2-Dichloroethane	5.40	62	100086	5.093	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	140219	5.246	ug/L	99
30) Cyclohexane	4.98	56	137974	5.216	ug/L	99
31) Carbon tetrachloride	5.13	117	121985	5.244	ug/L	99
33) Benzene	5.38	78	367808	5.414	ug/L	100
34) Trichloroethene	6.18	95	100028	5.273	ug/L	96
35) Methylcyclohexane	6.41	83	161210	5.240	ug/L	98
37) 1,2-Dichloropropane	6.43	63	94861	5.542	ug/L	100
38) Bromodichloromethane	6.76	83	113885	5.330	ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	135445	5.406	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	524991	54.572	ug/L	99
42) Toluene	7.63	91	406351	5.273	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	109019	5.421	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	71105	5.305	ug/L	95
47) Tetrachloroethene	8.22	164	87353	4.959	ug/L	99
48) 2-Hexanone	8.36	43	379852	53.989	ug/L	98
49) Dibromochloromethane	8.47	129	85254	5.251	ug/L	97
50) 1,2-Dibromoethane	8.59	107	69673	5.310	ug/L	99
51) Chlorobenzene	9.12	112	270122	5.102	ug/L	99
52) Ethylbenzene	9.25	91	442123	5.129	ug/L	97
53) m,p-xylene	9.37	106	173585	5.023	ug/L	99
54) o-xylene	9.77	106	168842	5.074	ug/L	100
55) Styrene	9.79	104	292348	5.259	ug/L	100
56) Isopropylbenzene	10.16	105	451173	5.053	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.45	83	88001	5.326	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	59599	5.214	ug/L	99
61) Bromoform	9.96	173	50430	5.410	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	226977	5.086	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	231273	5.110	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	218301	5.067	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	12813	5.059	ug/L	92
67) 1,3,5-Trichlorobenzene	12.88	180	185225	5.154	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	153169	5.044	ug/L	100
69) Naphthalene	13.74	128	248639	5.296	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	143281	5.038	ug/L	100

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

