

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU052919\
 Data File : VU032346.D
 Acq On : 29 May 2019 09:03
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: May 30 05:19:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR052219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 24 02:55:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	362417	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	354836	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	170396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79360	3.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.00%
7) Chloroethane-d5	1.68	69	82483	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.27	63	160477	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.60%
20) 2-Butanone-d5	4.21	46	313400	54.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	4.64	84	240497	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.31	65	127446	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	5.33	84	443953	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.33	67	153353	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.56	98	438028	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.85	79	61107	4.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.20%
46) 2-Hexanone-d5	8.31	63	240490	50.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	158983	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	208460	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.21	85	77593	5.008	ug/L 99
3) Chloromethane	1.33	50	74520	4.797	ug/L 99
5) Vinyl chloride	1.40	62	76773	4.895	ug/L 95
6) Bromomethane	1.63	94	51686	5.201	ug/L 96
8) Chloroethane	1.70	64	47699	4.790	ug/L 96
9) Trichlorofluoromethane	1.88	101	101162	4.975	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	65563	5.109	ug/L 98
12) 1,1-Dichloroethene	2.28	96	63002	4.885	ug/L 95
13) Acetone	2.35	43	94420	53.082	ug/L 96
14) Carbon disulfide	2.48	76	195235	4.885	ug/L 98
15) Methyl Acetate	2.63	43	25331	4.853	ug/L 94
16) Methylene chloride	2.70	84	69252	4.025	ug/L 96
17) Methyl tert-butyl Ether	3.00	73	146229	5.029	ug/L 99
18) trans-1,2-Dichloroethene	2.98	96	69428	5.015	ug/L 94
19) 1,1-Dichloroethane	3.44	63	113355	5.302	ug/L 96
21) 2-Butanone	4.29	43	156695	58.394	ug/L 87
22) cis-1,2-Dichloroethene	4.22	96	68688	5.083	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	31712	5.310	ug/L	95
25) Chloroform	4.67	83	118402	5.128	ug/L	91
27) 1,2-Dichloroethane	5.41	62	69218	5.151	ug/L	97
29) 1,1,1-Trichloroethane	4.91	97	94350	5.123	ug/L	96
30) Cyclohexane	4.98	56	89470	5.196	ug/L	95
31) Carbon tetrachloride	5.13	117	83457	5.144	ug/L	99
33) Benzene	5.38	78	257005	5.354	ug/L	100
34) Trichloroethene	6.18	95	66792	5.185	ug/L	94
35) Methylcyclohexane	6.41	83	96334	5.077	ug/L	96
37) 1,2-Dichloropropane	6.43	63	63495	5.494	ug/L #	94
38) Bromodichloromethane	6.76	83	77817	5.181	ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	89695	5.451	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	335381	57.412	ug/L	97
42) Toluene	7.63	91	271413	5.322	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	69759	5.395	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	47304	5.301	ug/L	99
47) Tetrachloroethene	8.22	164	56448	5.308	ug/L	99
48) 2-Hexanone	8.36	43	265506	59.258	ug/L	96
49) Dibromochloromethane	8.47	129	55185	5.433	ug/L	93
50) 1,2-Dibromoethane	8.59	107	43995	5.229	ug/L	98
51) Chlorobenzene	9.12	112	173428	5.313	ug/L	98
52) Ethylbenzene	9.25	91	267110	5.203	ug/L	98
53) m,p-Xylene	9.37	106	106485	5.578	ug/L	100
54) o-Xylene	9.77	106	99930	5.239	ug/L	96
55) Styrene	9.79	104	172934	5.418	ug/L	98
56) Isopropylbenzene	10.16	105	255860	5.305	ug/L	97
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	56268	5.235	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	38707	5.143	ug/L	95
61) Bromoform	9.95	173	32101	5.260	ug/L	94
62) 1,3-Dichlorobenzene	11.41	146	128935	5.121	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	132875	5.032	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	130540	5.112	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.66	75	8679	5.263	ug/L	88
67) 1,3,5-Trichlorobenzene	12.88	180	97584	5.094	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	69527	5.147	ug/L	99
69) Naphthalene	13.74	128	85286	4.127	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	70128	4.904	ug/L	98

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

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