

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029589.D
 Acq On : 21 Feb 2019 11:29
 Operator : JC/SP
 Sample : VSTD00548
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00548

Quant Time: Feb 22 02:42:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR022119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 22 02:38:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	251419	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	251565	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	136309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	83247	5.07	ug/L	0.00
7) Chloroethane-d5	1.68	69	78896	5.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	177856	5.04	ug/L	0.00
20) 2-Butanone-d5	4.19	46	195717	52.72	ug/L	0.00
24) Chloroform-d	4.65	84	147170	5.09	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	80380	5.14	ug/L	0.00
32) Benzene-d6	5.34	84	321213	4.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	94398	5.02	ug/L	0.00
41) Toluene-d8	7.56	98	320922	5.07	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	39641	5.14	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	193374	51.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	84249	4.99	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	136430	5.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	98619	5.025	ug/L 100
3) Chloromethane	1.33	50	82406	4.858	ug/L 100
5) Vinyl chloride	1.40	62	106003	4.944	ug/L 100
6) Bromomethane	1.63	94	57147	4.814	ug/L 100
8) Chloroethane	1.70	64	68820	4.954	ug/L 100
9) Trichlorofluoromethane	1.88	101	156508	4.922	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	98969	5.044	ug/L 100
12) 1,1-Dichloroethene	2.28	96	93106	4.992	ug/L 100
13) Acetone	2.32	43	134102	50.281	ug/L 100
14) Carbon disulfide	2.48	76	304842	4.976	ug/L 100
15) Methyl Acetate	2.62	43	37862	4.866	ug/L 100
16) Methylene chloride	2.70	84	101649	4.608	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	224553	5.035	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	100986	4.975	ug/L 100
19) 1,1-Dichloroethane	3.44	63	148527	4.700	ug/L 100
21) 2-Butanone	4.28	43	189763	51.279	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	93434	5.026	ug/L 100
23) Bromochloromethane	4.55	128	42878	5.112	ug/L 100
25) Chloroform	4.67	83	159295	5.035	ug/L 100
27) 1,2-Dichloroethane	5.40	62	93163	4.986	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	129937	4.969	ug/L 100
30) Cyclohexane	4.99	56	128259	4.956	ug/L 100
31) Carbon tetrachloride	5.13	117	115018	5.054	ug/L 100
33) Benzene	5.39	78	329879	4.962	ug/L 100
34) Trichloroethene	6.18	95	92568	4.988	ug/L 100
35) Methylcyclohexane	6.41	83	148332	4.928	ug/L 100
37) 1,2-Dichloropropane	6.43	63	83570	4.990	ug/L 100
38) Bromodichloromethane	6.76	83	104401	4.994	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	123642	5.044	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	471969	50.141	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	377282	5.003	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	98660	5.014	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	63849	4.869	ug/L	100
47) Tetrachloroethene	8.22	164	86083	4.995	ug/L	100
48) 2-Hexanone	8.36	43	342093	49.694	ug/L	100
49) Dibromochloromethane	8.48	129	79436	5.000	ug/L	100
50) 1,2-Dibromoethane	8.58	107	64374	5.014	ug/L	100
51) Chlorobenzene	9.12	112	257266	4.966	ug/L	100
52) Ethylbenzene	9.25	91	422027	5.004	ug/L	100
53) m,p-xylene	9.37	106	166633	4.928	ug/L	100
54) o-xylene	9.78	106	163377	5.018	ug/L	100
55) Styrene	9.79	104	271024	4.983	ug/L	100
56) Isopropylbenzene	10.16	105	435656	4.986	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	79758	4.934	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	55087	4.926	ug/L	100
61) Bromoform	9.95	173	44793	4.955	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	217824	5.033	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	216717	4.938	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	205664	4.923	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	12668	5.158	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	172459	4.948	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	148963	5.058	ug/L	100
69) Naphthalene	13.74	128	233779	5.135	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	137119	4.972	ug/L	100

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

