

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021119\
 Data File : VU029390.D
 Acq On : 11 Feb 2019 11:19
 Operator : JC/SP
 Sample : VSTD00546
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00546

Quant Time: Feb 12 01:00:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 12 00:57:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	231279	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221180	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	127821	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	85582	4.05	ug/L	0.00
7) Chloroethane-d5	1.68	69	68857	4.40	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	171980	4.51	ug/L	0.00
20) 2-Butanone-d5	4.19	46	159026	37.62	ug/L	0.00
24) Chloroform-d	4.65	84	133845	3.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	66279	3.55	ug/L	0.00
32) Benzene-d6	5.34	84	273729	4.47	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	80022	4.35	ug/L	0.00
41) Toluene-d8	7.56	98	271730	4.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	37943	4.65	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	162155	43.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	67648	4.21	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	116528	4.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	95187	3.229	ug/L 100
3) Chloromethane	1.32	50	88659	3.375	ug/L 100
5) Vinyl chloride	1.40	62	102814	3.829	ug/L 100
6) Bromomethane	1.63	94	66885	4.489	ug/L 100
8) Chloroethane	1.70	64	61352	4.037	ug/L 100
9) Trichlorofluoromethane	1.89	101	155887	4.299	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	90518	4.788	ug/L 100
12) 1,1-Dichloroethene	2.29	96	84064	4.818	ug/L 100
13) Acetone	2.32	43	121641	37.537	ug/L 100
14) Carbon disulfide	2.48	76	282692	4.679	ug/L 100
15) Methyl Acetate	2.62	43	33990	4.283	ug/L 100
16) Methylene chloride	2.70	84	88866	4.345	ug/L 100
17) Methyl tert-butyl Ether	3.00	73	215315	4.773	ug/L 100
18) trans-1,2-Dichloroethene	2.98	96	92167	4.832	ug/L 100
19) 1,1-Dichloroethane	3.44	63	157672	4.683	ug/L 100
21) 2-Butanone	4.28	43	161980	35.375	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	84304	4.526	ug/L 100
23) Bromochloromethane	4.55	128	39049	4.589	ug/L 100
25) Chloroform	4.67	83	136502	4.026	ug/L 100
27) 1,2-Dichloroethane	5.41	62	81383	3.593	ug/L 100
29) 1,1,1-Trichloroethane	4.91	97	124652	4.264	ug/L 100
30) Cyclohexane	4.99	56	117241	4.414	ug/L 100
31) Carbon tetrachloride	5.13	117	113211	4.508	ug/L 100
33) Benzene	5.39	78	291070	4.333	ug/L 100
34) Trichloroethene	6.18	95	82558	4.566	ug/L 100
35) Methylcyclohexane	6.41	83	139054	4.743	ug/L 100
37) 1,2-Dichloropropane	6.43	63	70994	4.033	ug/L 100
38) Bromodichloromethane	6.76	83	99576	4.235	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	115100	4.479	ug/L 100
40) 4-Methyl-2-pentanone	7.46	43	416246	39.624	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	329996	4.514	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	99632	4.494	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	56395	4.396	ug/L	100
47) Tetrachloroethene	8.22	164	76292	4.771	ug/L	100
48) 2-Hexanone	8.36	43	291594	38.480	ug/L	100
49) Dibromochloromethane	8.47	129	79227	4.861	ug/L	100
50) 1,2-Dibromoethane	8.59	107	54622	4.385	ug/L	100
51) Chlorobenzene	9.12	112	225544	4.637	ug/L	100
52) Ethylbenzene	9.25	91	374874	4.636	ug/L	100
53) m,p-xylene	9.37	106	149353	4.828	ug/L	100
54) o-xylene	9.78	106	145080	4.889	ug/L	100
55) Styrene	9.79	104	244271	4.797	ug/L	100
56) Isopropylbenzene	10.16	105	391858	4.913	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	70562	4.229	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	45764	3.806	ug/L	100
61) Bromoform	9.95	173	49889	4.712	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	198554	4.672	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	200871	4.461	ug/L	100
65) 1,2-Dichlorobenzene	11.87	146	186014	4.500	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	12540	4.334	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	163180	4.578	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	143692	4.754	ug/L	100
69) Naphthalene	13.74	128	232878	4.851	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	131757	4.730	ug/L	100

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

