

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022119\
 Data File : VU029588.D
 Acq On : 21 Feb 2019 11:05
 Operator : JC/SP
 Sample : VSTD00147
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00147

Quant Time: Feb 22 02:41:39 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	244008	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	233241	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	123298	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	14798	0.93	ug/L	0.00
7) Chloroethane-d5	1.68	69	13803	0.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	32771	0.96	ug/L	0.00
20) 2-Butanone-d5	4.19	46	31155	8.65	ug/L	0.00
24) Chloroform-d	4.65	84	25042	0.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	14297	0.94	ug/L	0.00
32) Benzene-d6	5.34	84	57814	0.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	16858	0.97	ug/L	0.00
41) Toluene-d8	7.56	98	56611	0.97	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	6200	0.87	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	31369	8.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	14677	0.94	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	23330	0.96	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	18792	0.987 ug/L	98
3) Chloromethane	1.33	50	16413	0.997 ug/L	100
5) Vinyl chloride	1.40	62	20532	0.987 ug/L #	81
6) Bromomethane	1.63	94	11151	0.968 ug/L	98
8) Chloroethane	1.70	64	13357	0.991 ug/L	98
9) Trichlorofluoromethane	1.89	101	30749	0.996 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	18853	0.990 ug/L	98
12) 1,1-Dichloroethene	2.29	96	18107	1.000 ug/L	89
13) Acetone	2.32	43	25950	10.025 ug/L	99
14) Carbon disulfide	2.48	76	58649	0.986 ug/L	100
15) Methyl Acetate	2.62	43	7564	1.002 ug/L	95
16) Methylene chloride	2.70	84	22127	1.034 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	43061	0.995 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	19101	0.970 ug/L	99
19) 1,1-Dichloroethane	3.44	63	33342	1.087 ug/L	99
21) 2-Butanone	4.28	43	33673	9.376 ug/L	94
22) cis-1,2-Dichloroethene	4.22	96	17283	0.958 ug/L	93
23) Bromochloromethane	4.55	128	7998	0.982 ug/L	96
25) Chloroform	4.67	83	30905	1.007 ug/L	99
27) 1,2-Dichloroethane	5.41	62	17978	0.991 ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	24662	1.017 ug/L	98
30) Cyclohexane	4.99	56	23360	0.974 ug/L	96
31) Carbon tetrachloride	5.13	117	20188	0.957 ug/L	99
33) Benzene	5.39	78	61889	1.004 ug/L	100
34) Trichloroethene	6.18	95	17330	1.007 ug/L	93
35) Methylcyclohexane	6.41	83	27679	0.992 ug/L	97
37) 1,2-Dichloropropane	6.43	63	14993	0.966 ug/L #	97
38) Bromodichloromethane	6.76	83	18990	0.980 ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	21842	0.961 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	85325	9.777 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.63	91	67727	0.969	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	16650	0.913	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	12544	1.032	ug/L	96
47) Tetrachloroethene	8.22	164	15928	0.997	ug/L	98
48) 2-Hexanone	8.37	43	59981	9.398	ug/L	98
49) Dibromochloromethane	8.48	129	13886	0.943	ug/L	97
50) 1,2-Dibromoethane	8.59	107	12036	1.011	ug/L #	98
51) Chlorobenzene	9.12	112	47638	0.992	ug/L	99
52) Ethylbenzene	9.25	91	74777	0.956	ug/L	98
53) m,p-xylene	9.37	106	29437	0.939	ug/L	98
54) o-xylene	9.78	106	28234	0.935	ug/L	98
55) Styrene	9.79	104	46635	0.925	ug/L	97
56) Isopropylbenzene	10.16	105	77238	0.954	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	14475	0.966	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	10664	1.028	ug/L	95
61) Bromoform	9.95	173	7871	0.963	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	38364	0.980	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	39057	0.984	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	37959	1.004	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.65	75	2168	0.976	ug/L #	71
67) 1,3,5-Trichlorobenzene	12.89	180	30538	0.969	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	25712	0.965	ug/L	97
69) Naphthalene	13.75	128	36367	0.883	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	23838	0.956	ug/L	98

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

