

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029328.D
 Acq On : 01 Feb 2019 11:44
 Operator : JC/SP
 Sample : VSTD00144
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00144

Quant Time: Feb 01 23:05:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR020119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 01 23:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	59862	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	61308	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	30997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	4677	0.97	ug/L	0.00
7) Chloroethane-d5	1.68	69	4493	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	12882	0.99	ug/L	0.00
20) 2-Butanone-d5	4.21	46	14368	9.48	ug/L	0.01
24) Chloroform-d	4.65	84	10465	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	6397	0.93	ug/L	0.00
32) Benzene-d6	5.34	84	16662	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	5535	0.96	ug/L	0.00
41) Toluene-d8	7.56	98	15503	0.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	2460	0.90	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	9834	8.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	4772	0.96	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	6286	0.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	8303	1.049 ug/L	98
3) Chloromethane	1.33	50	6017	1.020 ug/L	97
5) Vinyl chloride	1.40	62	6425	1.024 ug/L	97
6) Bromomethane	1.63	94	4409	1.062 ug/L	98
8) Chloroethane	1.70	64	4629	0.983 ug/L	96
9) Trichlorofluoromethane	1.89	101	11832	1.024 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	5669	1.038 ug/L	97
12) 1,1-Dichloroethene	2.29	96	4844	1.043 ug/L	97
13) Acetone	2.35	43	15035	10.750 ug/L	100
14) Carbon disulfide	2.48	76	17926	1.024 ug/L	96
15) Methyl Acetate	2.63	43	3281	0.996 ug/L	96
16) Methylene chloride	2.70	84	6118	1.092 ug/L	91
17) Methyl tert-butyl Ether	3.01	73	15537	1.050 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	5331	1.026 ug/L	92
19) 1,1-Dichloroethane	3.44	63	11226	1.003 ug/L	98
21) 2-Butanone	4.30	43	15704	10.257 ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	4894	0.974 ug/L	93
23) Bromochloromethane	4.54	128	2374	1.056 ug/L	92
25) Chloroform	4.68	83	11336	1.071 ug/L	99
27) 1,2-Dichloroethane	5.41	62	8478	1.053 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	9749	0.976 ug/L	97
30) Cyclohexane	4.99	56	7141	0.909 ug/L	99
31) Carbon tetrachloride	5.14	117	8619	0.984 ug/L	100
33) Benzene	5.39	78	19622	0.993 ug/L	100
34) Trichloroethene	6.18	95	5339	0.996 ug/L	92
35) Methylcyclohexane	6.41	83	7015	0.892 ug/L	95
37) 1,2-Dichloropropane	6.43	63	5358	1.002 ug/L	# 90
38) Bromodichloromethane	6.76	83	8081	1.046 ug/L	96
39) cis-1,3-Dichloropropene	7.27	75	7314	0.939 ug/L	95
40) 4-Methyl-2-pentanone	7.46	43	35065	9.487 ug/L	98

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42) Toluene	7.64	91	19640	0.942	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	6561	0.931	ug/L	90
45) 1,1,2-Trichloroethane	8.07	97	3846	1.037	ug/L	90
47) Tetrachloroethene	8.22	164	4187	0.944	ug/L	95
48) 2-Hexanone	8.37	43	26530	9.580	ug/L	95
49) Dibromochloromethane	8.48	129	4970	1.000	ug/L	97
50) 1,2-Dibromoethane	8.59	107	3650	1.039	ug/L #	86
51) Chlorobenzene	9.12	112	13569	1.002	ug/L	95
52) Ethylbenzene	9.25	91	21623	0.934	ug/L	95
53) m,p-xylene	9.38	106	7806	0.896	ug/L	92
54) o-xylene	9.78	106	7747	0.928	ug/L	90
55) Styrene	9.79	104	12632	0.881	ug/L	98
56) Isopropylbenzene	10.16	105	20470	0.901	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	4832	1.009	ug/L	94
59) 1,2,3-Trichloropropane	10.49	75	4027	1.057	ug/L	98
61) Bromoform	9.95	173	2935	1.030	ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	10799	1.018	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	11385	1.028	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	10197	0.983	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.66	75	912	1.010	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.88	180	8632	0.967	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	7284	0.955	ug/L	91
69) Naphthalene	13.74	128	10254	0.834	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.99	180	7246	0.970	ug/L	91

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

