

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028110.D
 Acq On : 14 Nov 2018 10:04
 Operator : MD/SY
 Sample : VSTD0.544
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.544

Quant Time: Nov 15 04:06:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 04:03:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	237066	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	218802	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99082	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	9681	0.49	ug/L	0.00
7) Chloroethane-d5	1.68	69	7623	0.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	18753	0.51	ug/L	0.00
20) 2-Butanone-d5	4.21	46	27083	4.75	ug/L	0.00
24) Chloroform-d	4.65	84	15322	0.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	9264	0.53	ug/L	0.00
32) Benzene-d6	5.34	84	30721	0.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	10856	0.48	ug/L	0.00
41) Toluene-d8	7.57	98	30028	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3870	0.48	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	21396	4.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	7633	0.48	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	9879	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	10859	0.519	ug/L 98
3) Chloromethane	1.33	50	13646	0.511	ug/L 100
5) Vinyl chloride	1.40	62	13084	0.515	ug/L 97
6) Bromomethane	1.63	94	5946	0.489	ug/L 92
8) Chloroethane	1.70	64	8403	0.550	ug/L 94
9) Trichlorofluoromethane	1.89	101	14307	0.517	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	8006	0.515	ug/L 95
12) 1,1-Dichloroethene	2.29	96	8458	0.537	ug/L 90
13) Acetone	2.35	43	21265	5.534	ug/L 99
14) Carbon disulfide	2.48	76	28675	0.543	ug/L 100
15) Methyl Acetate	2.63	43	5632	0.548	ug/L 98
16) Methylene chloride	2.70	84	10504	0.564	ug/L 97
17) Methyl tert-butyl Ether	3.01	73	22326	0.507	ug/L 98
18) trans-1,2-Dichloroethene	2.98	96	9013	0.538	ug/L 95
19) 1,1-Dichloroethane	3.45	63	18284	0.519	ug/L 95
21) 2-Butanone	4.29	43	29515	4.867	ug/L 99
22) cis-1,2-Dichloroethene	4.23	96	9343	0.506	ug/L 94
23) Bromochloromethane	4.55	128	3703	0.507	ug/L 95
25) Chloroform	4.67	83	15819	0.500	ug/L 100
27) 1,2-Dichloroethane	5.41	62	10428	0.502	ug/L 97
29) 1,1,1-Trichloroethane	4.92	97	12216	0.493	ug/L 99
30) Cyclohexane	4.99	56	17985	0.518	ug/L 98
31) Carbon tetrachloride	5.14	117	10334	0.503	ug/L 96
33) Benzene	5.39	78	37637	0.511	ug/L 100
34) Trichloroethene	6.19	95	9592	0.527	ug/L 96
35) Methylcyclohexane	6.41	83	16398	0.524	ug/L 97
37) 1,2-Dichloropropane	6.44	63	10462	0.513	ug/L 100
38) Bromodichloromethane	6.76	83	10778	0.497	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	13053	0.474	ug/L 100
40) 4-Methyl-2-pentanone	7.47	43	68531	4.882	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	38265	0.503	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	10452	0.484	ug/L	95
45) 1,1,2-Trichloroethane	8.07	97	6430	0.522	ug/L	98
47) Tetrachloroethene	8.23	164	9458	0.639	ug/L	93
48) 2-Hexanone	8.37	43	48416	4.847	ug/L	100
49) Dibromochloromethane	8.48	129	6227	0.475	ug/L	99
50) 1,2-Dibromoethane	8.59	107	5772	0.498	ug/L #	97
51) Chlorobenzene	9.12	112	22432	0.505	ug/L	99
52) Ethylbenzene	9.25	91	41423	0.499	ug/L	100
53) m,p-xylene	9.38	106	15208	0.503	ug/L	95
54) o-xylene	9.78	106	14274	0.491	ug/L	89
55) Styrene	9.79	104	23615	0.480	ug/L	99
56) Isopropylbenzene	10.17	105	39176	0.498	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	8050	0.507	ug/L #	91
59) 1,2,3-Trichloropropane	10.49	75	5941	0.519	ug/L	96
61) Bromoform	9.96	173	3543	0.529	ug/L #	85
62) 1,3-Dichlorobenzene	11.42	146	16032	0.512	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	16610	0.524	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	15699	0.524	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.66	75	1014	0.466	ug/L	90
67) 1,3,5-Trichlorobenzene	12.89	180	12172	0.506	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	10404	0.497	ug/L	95
69) Naphthalene	13.75	128	19090	0.489	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	9357	0.485	ug/L	97

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

