

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\
 Data File : VU028111.D
 Acq On : 14 Nov 2018 10:27
 Operator : MD/SY
 Sample : VSTD00145
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00145

Quant Time: Nov 15 04:06:49 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	202259	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	14948	0.89	ug/L	0.00
7) Chloroethane-d5	1.68	69	11891	0.89	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	28212	0.90	ug/L	0.00
20) 2-Butanone-d5	4.22	46	43293	8.89	ug/L	0.01
24) Chloroform-d	4.65	84	23663	0.89	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.32	65	13449	0.90	ug/L	0.00
32) Benzene-d6	5.34	84	48023	0.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	18108	0.94	ug/L	0.00
41) Toluene-d8	7.57	98	45355	0.91	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	5597	0.82	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	33630	8.61	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	12040	0.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	14072	0.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	17124	0.960 ug/L	96
3) Chloromethane	1.33	50	22075	0.968 ug/L	100
5) Vinyl chloride	1.40	62	19917	0.919 ug/L	99
6) Bromomethane	1.63	94	9074	0.874 ug/L	86
8) Chloroethane	1.70	64	12797	0.981 ug/L	97
9) Trichlorofluoromethane	1.89	101	22174	0.938 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	12264	0.924 ug/L	95
12) 1,1-Dichloroethene	2.29	96	12602	0.937 ug/L	98
13) Acetone	2.35	43	32585	9.939 ug/L	99
14) Carbon disulfide	2.48	76	41380	0.918 ug/L	99
15) Methyl Acetate	2.63	43	8567	0.977 ug/L	98
16) Methylene chloride	2.70	84	16077	1.012 ug/L	92
17) Methyl tert-butyl Ether	3.01	73	37285	0.992 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	13672	0.956 ug/L	98
19) 1,1-Dichloroethane	3.45	63	28165	0.937 ug/L	99
21) 2-Butanone	4.30	43	48767	9.425 ug/L	99
22) cis-1,2-Dichloroethene	4.23	96	14556	0.923 ug/L	99
23) Bromochloromethane	4.55	128	5783	0.928 ug/L	97
25) Chloroform	4.67	83	25251	0.936 ug/L	98
27) 1,2-Dichloroethane	5.41	62	16306	0.920 ug/L	98
29) 1,1,1-Trichloroethane	4.92	97	20095	0.951 ug/L	98
30) Cyclohexane	4.99	56	27363	0.924 ug/L	97
31) Carbon tetrachloride	5.13	117	15591	0.889 ug/L	98
33) Benzene	5.39	78	60248	0.958 ug/L	100
34) Trichloroethene	6.19	95	14373	0.925 ug/L	98
35) Methylcyclohexane	6.41	83	24086	0.902 ug/L	97
37) 1,2-Dichloropropane	6.43	63	16225	0.933 ug/L #	97
38) Bromodichloromethane	6.76	83	17288	0.934 ug/L #	95
39) cis-1,3-Dichloropropene	7.27	75	20761	0.883 ug/L	99
40) 4-Methyl-2-pentanone	7.47	43	112077	9.360 ug/L	99

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42) Toluene	7.64	91	61249	0.945	ug/L	98
44) trans-1,3-Dichloropropene	7.88	75	17002	0.923	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	9707	0.925	ug/L	99
47) Tetrachloroethene	8.23	164	12912	1.022	ug/L	97
48) 2-Hexanone	8.37	43	79284	9.306	ug/L	98
49) Dibromochloromethane	8.48	129	10044	0.899	ug/L	99
50) 1,2-Dibromoethane	8.59	107	9117	0.922	ug/L #	88
51) Chlorobenzene	9.12	112	36905	0.974	ug/L	96
52) Ethylbenzene	9.25	91	64205	0.907	ug/L	97
53) m,p-xylene	9.38	106	24109	0.935	ug/L	95
54) o-xylene	9.78	106	22656	0.913	ug/L	100
55) Styrene	9.79	104	37977	0.905	ug/L	94
56) Isopropylbenzene	10.17	105	62482	0.931	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.46	83	12365	0.914	ug/L	90
59) 1,2,3-Trichloropropane	10.50	75	8745	0.895	ug/L	89
61) Bromoform	9.96	173	5240	0.880	ug/L #	95
62) 1,3-Dichlorobenzene	11.42	146	25829	0.928	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	26484	0.940	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	25529	0.959	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	1694	0.877	ug/L #	77
67) 1,3,5-Trichlorobenzene	12.89	180	19293	0.903	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	16324	0.877	ug/L	99
69) Naphthalene	13.75	128	29490	0.850	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	15797	0.921	ug/L	94

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

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