

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031459.D
 Acq On : 24 Apr 2019 10:19
 Operator : JC/SP
 Sample : VSTD00105
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00105

Quant Time: Apr 25 05:49:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 05:46:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	371653	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	349882	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149283	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	28455	0.72	ug/L	0.00
7) Chloroethane-d5	1.68	69	22711	0.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	52619	0.68	ug/L	0.00
20) 2-Butanone-d5	4.22	46	68940	8.55	ug/L	0.00
24) Chloroform-d	4.64	84	45423	0.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	24264	0.88	ug/L	0.00
32) Benzene-d6	5.34	84	88601	0.91	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	28777	0.94	ug/L	0.00
41) Toluene-d8	7.56	98	80113	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.86	79	11499	0.94	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	52106	9.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	22884	0.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	24737	0.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	29160	0.719 ug/L	98
3) Chloromethane	1.32	50	36543	0.666 ug/L	95
5) Vinyl chloride	1.40	62	37269	0.674 ug/L	98
6) Bromomethane	1.63	94	19147	0.634 ug/L	96
8) Chloroethane	1.70	64	22116	0.698 ug/L	98
9) Trichlorofluoromethane	1.88	101	40169	0.579 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	24033	0.639 ug/L	97
12) 1,1-Dichloroethene	2.28	96	24969	0.665 ug/L	98
13) Acetone	2.36	43	57400	6.850 ug/L	77
14) Carbon disulfide	2.47	76	80529	0.643 ug/L	100
15) Methyl Acetate	2.62	43	15727	0.676 ug/L	94
16) Methylene chloride	2.70	84	28408	0.620 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	68195	0.670 ug/L	98
18) trans-1,2-Dichloroethene	2.97	96	25733	0.646 ug/L	98
19) 1,1-Dichloroethane	3.44	63	48834	0.872 ug/L	95
21) 2-Butanone	4.30	43	73252	7.930 ug/L	93
22) cis-1,2-Dichloroethene	4.22	96	25301	0.786 ug/L	95
23) Bromochloromethane	4.55	128	11643	0.819 ug/L	84
25) Chloroform	4.67	83	44390	0.784 ug/L	96
27) 1,2-Dichloroethane	5.41	62	29602	0.808 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	36591	0.796 ug/L	99
30) Cyclohexane	4.98	56	43180	0.885 ug/L	97
31) Carbon tetrachloride	5.13	117	31390	0.760 ug/L	94
33) Benzene	5.39	78	99895	0.851 ug/L	100
34) Trichloroethene	6.19	95	26202	0.820 ug/L	98
35) Methylcyclohexane	6.41	83	35771	0.805 ug/L	97
37) 1,2-Dichloropropane	6.43	63	26582	0.852 ug/L	99
38) Bromodichloromethane	6.76	83	31717	0.831 ug/L #	97
39) cis-1,3-Dichloropropene	7.27	75	34793	0.836 ug/L	91
40) 4-Methyl-2-pentanone	7.47	43	177771	8.798 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	98192	0.833	ug/L	96
44) trans-1,3-Dichloropropene	7.88	75	26512	0.776	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	18744	0.842	ug/L	96
47) Tetrachloroethene	8.22	164	17953	0.764	ug/L	95
48) 2-Hexanone	8.37	43	115095	8.048	ug/L	98
49) Dibromochloromethane	8.48	129	19101	0.733	ug/L	96
50) 1,2-Dibromoethane	8.59	107	17690	0.844	ug/L	95
51) Chlorobenzene	9.12	112	61870	0.840	ug/L	98
52) Ethylbenzene	9.25	91	100072	0.813	ug/L	98
53) m,p-Xylene	9.37	106	34816	0.790	ug/L	100
54) o-Xylene	9.78	106	35754	0.821	ug/L	98
55) Styrene	9.79	104	54728	0.757	ug/L	99
56) Isopropylbenzene	10.16	105	91395	0.800	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	22942	0.812	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	17006	0.837	ug/L	99
61) Bromoform	9.96	173	11486	0.816	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	40977	0.842	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	44086	0.898	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	41638	0.849	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	3189	0.794	ug/L	99
67) 1,3,5-Trichlorobenzene	12.89	180	29844	0.752	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	21273	0.743	ug/L	94
69) Naphthalene	13.75	128	35169	0.607	ug/L	98
70) 1,2,3-Trichlorobenzene	13.99	180	21992	0.770	ug/L	99

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

