

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020119\
 Data File : VU029331.D
 Acq On : 01 Feb 2019 12:55
 Operator : JC/SP
 Sample : VSTD02047
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02047

Quant Time: Feb 01 23:07:05 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	64857	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	66412	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38012	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106074	20.29	ug/L	0.00
7) Chloroethane-d5	1.67	69	107772	21.19	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	289374	20.62	ug/L	0.00
20) 2-Butanone-d5	4.19	46	336807	205.09	ug/L	0.00
24) Chloroform-d	4.64	84	247168	20.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	151449	20.33	ug/L	0.00
32) Benzene-d6	5.34	84	430261	21.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	130508	20.86	ug/L	0.00
41) Toluene-d8	7.56	98	410605	21.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	67033	22.75	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	299867	237.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112008	20.75	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	168778	20.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	167238	19.501 ug/L	99
3) Chloromethane	1.32	50	126154	19.729 ug/L	98
5) Vinyl chloride	1.40	62	134258	19.755 ug/L	99
6) Bromomethane	1.62	94	85597	19.022 ug/L	99
8) Chloroethane	1.69	64	93800	18.393 ug/L	98
9) Trichlorofluoromethane	1.88	101	245388	19.607 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	113245	19.147 ug/L	98
12) 1,1-Dichloroethene	2.28	96	100940	20.055 ug/L	93
13) Acetone	2.32	43	266284	175.730 ug/L	100
14) Carbon disulfide	2.47	76	366772	19.330 ug/L	98
15) Methyl Acetate	2.62	43	66649	18.673 ug/L	99
16) Methylene chloride	2.70	84	110502	18.206 ug/L	96
17) Methyl tert-butyl Ether	3.00	73	312496	19.486 ug/L	100
18) trans-1,2-Dichloroethene	2.98	96	105834	18.801 ug/L	98
19) 1,1-Dichloroethane	3.44	63	241799	19.934 ug/L	99
21) 2-Butanone	4.27	43	323731	195.154 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	112433	20.648 ug/L	100
23) Bromochloromethane	4.54	128	47829	19.638 ug/L	98
25) Chloroform	4.67	83	222008	19.356 ug/L	99
27) 1,2-Dichloroethane	5.40	62	168991	19.367 ug/L	99
29) 1,1,1-Trichloroethane	4.91	97	210165	19.433 ug/L	99
30) Cyclohexane	4.99	56	182471	21.446 ug/L	98
31) Carbon tetrachloride	5.13	117	189337	19.947 ug/L	98
33) Benzene	5.39	78	428778	20.036 ug/L	100
34) Trichloroethene	6.18	95	115123	19.835 ug/L	96
35) Methylcyclohexane	6.41	83	189087	22.185 ug/L	97
37) 1,2-Dichloropropane	6.43	63	113187	19.542 ug/L	99
38) Bromodichloromethane	6.75	83	164082	19.599 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	183630	21.772 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	807230	201.611 ug/L	98

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42) Toluene	7.63	91	472278	20.901	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	164543	21.552	ug/L	95
45) 1,1,2-Trichloroethane	8.06	97	77253	19.225	ug/L	97
47) Tetrachloroethene	8.22	164	95761	19.936	ug/L	98
48) 2-Hexanone	8.36	43	593875	197.966	ug/L	100
49) Dibromochloromethane	8.48	129	107078	19.899	ug/L	97
50) 1,2-Dibromoethane	8.58	107	75695	19.890	ug/L	98
51) Chlorobenzene	9.12	112	295924	20.178	ug/L	99
52) Ethylbenzene	9.25	91	548505	21.871	ug/L	99
53) m,p-xylene	9.37	106	206246	21.847	ug/L	97
54) o-xylene	9.78	106	199960	22.117	ug/L	99
55) Styrene	9.79	104	348876	22.454	ug/L	97
56) Isopropylbenzene	10.16	105	554270	22.534	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	101509	19.567	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	78408	19.000	ug/L	95
61) Bromoform	9.95	173	64012	18.324	ug/L	96
62) 1,3-Dichlorobenzene	11.41	146	256173	19.689	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	261346	19.250	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	248924	19.576	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	21044	19.006	ug/L	95
67) 1,3,5-Trichlorobenzene	12.88	180	221972	20.283	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	196570	21.027	ug/L	98
69) Naphthalene	13.74	128	333640	22.121	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	179945	19.652	ug/L	99

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

