

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082619\
 Data File : VU033947.D
 Acq On : 26 Aug 2019 11:06
 Operator : JC/SP
 Sample : VSTD00101
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00101

Quant Time: Aug 27 01:22:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 27 01:19:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	253835	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	263323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	125266	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	21446	0.98	ug/L	0.00
7) Chloroethane-d5	1.67	69	18513	0.96	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	41924	0.97	ug/L	0.00
20) 2-Butanone-d5	4.17	46	46379	10.20	ug/L	0.00
24) Chloroform-d	4.62	84	36959	1.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	20118	1.02	ug/L	0.00
32) Benzene-d6	5.32	84	68321	1.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	22254	1.01	ug/L	0.00
41) Toluene-d8	7.55	98	57543	0.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	7654	0.92	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	24024	7.68	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	18333	0.98	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	22708	1.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	28977	1.184 ug/L	99
3) Chloromethane	1.32	50	28862	1.209 ug/L	97
5) Vinyl chloride	1.39	62	30240	1.143 ug/L	93
6) Bromomethane	1.62	94	13718	0.845 ug/L	99
8) Chloroethane	1.69	64	18812	1.204 ug/L	97
9) Trichlorofluoromethane	1.87	101	35076	1.073 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	20071	1.063 ug/L	97
12) 1,1-Dichloroethene	2.27	96	19977	1.113 ug/L	97
13) Acetone	2.31	43	40533	11.579 ug/L	99
14) Carbon disulfide	2.46	76	69890	1.125 ug/L	99
15) Methyl Acetate	2.60	43	11452	1.286 ug/L	98
16) Methylene chloride	2.68	84	23126	1.098 ug/L	95
17) Methyl tert-butyl Ether	2.98	73	49890	1.089 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	20877	1.058 ug/L	98
19) 1,1-Dichloroethane	3.42	63	41021	1.337 ug/L	98
21) 2-Butanone	4.26	43	50580	12.318 ug/L	95
22) cis-1,2-Dichloroethene	4.20	96	20967	1.276 ug/L	93
23) Bromochloromethane	4.52	128	9696	1.227 ug/L	98
25) Chloroform	4.65	83	44150	1.301 ug/L	99
27) 1,2-Dichloroethane	5.39	62	23942	1.214 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	32124	1.248 ug/L	99
30) Cyclohexane	4.97	56	28803	1.262 ug/L	99
31) Carbon tetrachloride	5.11	117	28046	1.216 ug/L	98
33) Benzene	5.36	78	78546	1.240 ug/L	100
34) Trichloroethene	6.16	95	20474	1.228 ug/L	97
35) Methylcyclohexane	6.39	83	27686	1.159 ug/L	98
37) 1,2-Dichloropropane	6.41	63	22559	1.343 ug/L	# 97
38) Bromodichloromethane	6.74	83	27204	1.271 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	26057	1.174 ug/L	99
40) 4-Methyl-2-pentanone	7.45	43	114392	12.019 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.62	91	74683	1.164	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	21286	1.142	ug/L	94
45) 1,1,2-Trichloroethane	8.05	97	15443	1.305	ug/L	95
47) Tetrachloroethene	8.21	164	16533	1.214	ug/L	98
48) 2-Hexanone	8.35	43	78107	11.319	ug/L	96
49) Dibromochloromethane	8.46	129	17019	1.163	ug/L	96
50) 1,2-Dibromoethane	8.57	107	13720	1.208	ug/L	96
51) Chlorobenzene	9.10	112	52805	1.247	ug/L	98
52) Ethylbenzene	9.23	91	73786	1.133	ug/L	99
53) m,p-Xylene	9.36	106	26694	1.089	ug/L	95
54) o-Xylene	9.76	106	24517	1.041	ug/L	96
55) Styrene	9.77	104	40759	0.995	ug/L	100
56) Isopropylbenzene	10.15	105	65268	1.075	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	19068	1.261	ug/L	96
59) 1,2,3-Trichloropropane	10.48	75	13439	1.219	ug/L	97
61) Bromoform	9.94	173	9390	1.258	ug/L #	97
62) 1,3-Dichlorobenzene	11.40	146	37836	1.256	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	38870	1.253	ug/L	94
65) 1,2-Dichlorobenzene	11.86	146	37268	1.282	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	2846	1.360	ug/L	92
67) 1,3,5-Trichlorobenzene	12.87	180	28545	1.244	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	17848	1.058	ug/L	97
69) Naphthalene	13.73	128	23776	0.949	ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	18697	1.160	ug/L	89

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

