

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033259.D
 Acq On : 16 Jul 2019 10:51
 Operator : JC/SP
 Sample : VSTD02001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02001

Quant Time: Jul 17 04:02:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 03:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	140364	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	145205	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	79070	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	282126	29.89	ug/L	0.00
7) Chloroethane-d5	1.66	69	240385	28.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	564085	26.78	ug/L	0.00
20) 2-Butanone-d5	4.16	46	568301	193.86	ug/L	-0.02
24) Chloroform-d	4.62	84	431921	22.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	223075	19.98	ug/L	0.00
32) Benzene-d6	5.31	84	866674	23.99	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	268357	22.46	ug/L	0.00
41) Toluene-d8	7.55	98	844405	24.25	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	114845	22.68	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	531653	254.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	231530	22.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	325933	22.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	247292	17.707	ug/L 99
3) Chloromethane	1.32	50	268611	19.000	ug/L 99
5) Vinyl chloride	1.39	62	312285	22.031	ug/L 99
6) Bromomethane	1.60	94	202259	24.721	ug/L 94
8) Chloroethane	1.68	64	193413	22.407	ug/L 98
9) Trichlorofluoromethane	1.87	101	425845	21.112	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	244058	23.034	ug/L 99
12) 1,1-Dichloroethene	2.27	96	233130	24.036	ug/L 97
13) Acetone	2.31	43	444306	184.447	ug/L 99
14) Carbon disulfide	2.46	76	756530	23.624	ug/L 100
15) Methyl Acetate	2.60	43	116041	20.000	ug/L 97
16) Methylene chloride	2.68	84	263029	22.955	ug/L 95
17) Methyl tert-butyl Ether	2.98	73	629469	22.686	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	254408	23.738	ug/L 99
19) 1,1-Dichloroethane	3.42	63	387836	19.145	ug/L 98
21) 2-Butanone	4.25	43	569339	170.762	ug/L 96
22) cis-1,2-Dichloroethene	4.20	96	229097	20.571	ug/L 95
23) Bromochloromethane	4.52	128	101289	19.653	ug/L 98
25) Chloroform	4.65	83	403045	18.010	ug/L 100
27) 1,2-Dichloroethane	5.38	62	260950	18.151	ug/L 99
29) 1,1,1-Trichloroethane	4.89	97	344352	18.718	ug/L 100
30) Cyclohexane	4.96	56	343550	20.573	ug/L 100
31) Carbon tetrachloride	5.11	117	310636	18.883	ug/L 99
33) Benzene	5.36	78	885318	20.771	ug/L 100
34) Trichloroethene	6.16	95	226667	19.700	ug/L 98
35) Methylcyclohexane	6.39	83	379908	22.108	ug/L 98
37) 1,2-Dichloropropane	6.41	63	231872	19.878	ug/L 100
38) Bromodichloromethane	6.74	83	294518	19.411	ug/L 98
39) cis-1,3-Dichloropropene	7.25	75	357186	21.710	ug/L 99
40) 4-Methyl-2-pentanone	7.45	43	1458272	185.866	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	989774	21.582	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	289464	21.113	ug/L	97
45) 1,1,2-Trichloroethane	8.05	97	164865	20.116	ug/L	96
47) Tetrachloroethene	8.21	164	182566	19.264	ug/L	97
48) 2-Hexanone	8.35	43	1057535	184.821	ug/L	98
49) Dibromochloromethane	8.46	129	209751	20.403	ug/L	98
50) 1,2-Dibromoethane	8.57	107	162898	20.710	ug/L	99
51) Chlorobenzene	9.10	112	625772	20.678	ug/L	99
52) Ethylbenzene	9.23	91	1105367	22.040	ug/L	99
53) m,p-Xylene	9.36	106	424800	23.024	ug/L	94
54) o-Xylene	9.76	106	420120	23.408	ug/L	100
55) Styrene	9.77	104	729236	23.962	ug/L	99
56) Isopropylbenzene	10.15	105	1107286	23.110	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	222499	21.163	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	156327	19.698	ug/L	98
61) Bromoform	9.94	173	122924	20.699	ug/L	97
62) 1,3-Dichlorobenzene	11.40	146	516147	20.912	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	523829	20.326	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	503772	20.853	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	35346	20.822	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	411443	21.335	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	352690	25.097	ug/L	98
69) Naphthalene	13.73	128	650570	30.265	ug/L	99
70) 1,2,3-Trichlorobenzene	13.97	180	329418	24.558	ug/L	99

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

