

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU063020\
 Data File : VU039238.D
 Acq On : 30 Jun 2020 14:38
 Operator : SY/MD
 Sample : VSTD01006
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01006

Quant Time: Jun 30 14:57:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR063020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 30 14:53:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	244618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	259709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	124107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	154328	7.29	ug/L	0.00
7) Chloroethane-d5	1.93	69	133159	7.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	302080	7.61	ug/L	0.00
20) 2-Butanone-d5	4.67	46	616148	91.70	ug/L	0.00
24) Chloroform-d	5.10	84	330175	8.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	200966	8.30	ug/L	0.00
32) Benzene-d6	5.76	84	585595	7.63	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	190024	7.72	ug/L	0.00
41) Toluene-d8	7.92	98	492486	7.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	92538	8.12	ug/L	0.00
46) 2-Hexanone-d5	8.65	63	511243	96.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	188550	8.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	207280	8.17	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	219687	9.281 ug/L	99
3) Chloromethane	1.53	50	204444	8.383 ug/L	99
5) Vinyl chloride	1.62	62	216207	8.868 ug/L	100
6) Bromomethane	1.88	94	118305	9.146 ug/L	97
8) Chloroethane	1.95	64	131568	8.844 ug/L	97
9) Trichlorofluoromethane	2.16	101	315278	9.231 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	169885	9.164 ug/L	99
12) 1,1-Dichloroethene	2.61	96	159412	8.975 ug/L	92
13) Acetone	2.68	43	359387	87.278 ug/L	99
14) Carbon disulfide	2.82	76	538422	8.749 ug/L	99
15) Methyl Acetate	2.98	43	86538	8.528 ug/L	98
16) Methylene chloride	3.08	84	181681	8.523 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	449350	9.455 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	166612	8.878 ug/L	97
19) 1,1-Dichloroethane	3.91	63	321032	8.987 ug/L	100
21) 2-Butanone	4.75	43	595863	92.018 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	179521	9.514 ug/L	99
23) Bromochloromethane	5.02	128	82525	9.026 ug/L	97
25) Chloroform	5.12	83	325080	9.084 ug/L	98
27) 1,2-Dichloroethane	5.83	62	241824	9.121 ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	296027	8.740 ug/L	99
30) Cyclohexane	5.42	56	281418	8.961 ug/L	99
31) Carbon tetrachloride	5.56	117	249189	8.735 ug/L	99
33) Benzene	5.81	78	696505	8.594 ug/L	100
34) Trichloroethene	6.57	95	179774	8.669 ug/L	97
35) Methylcyclohexane	6.79	83	287367	9.344 ug/L	100
37) 1,2-Dichloropropane	6.82	63	177507	8.291 ug/L	100
38) Bromodichloromethane	7.13	83	250238	8.981 ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	273250	8.919 ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	1378048	89.279 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	731242	9.040	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	257218	8.510	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	137665	8.617	ug/L	97
47) Tetrachloroethene	8.57	164	130846	8.783	ug/L	97
48) 2-Hexanone	8.71	43	1052404	88.932	ug/L	99
49) Dibromochloromethane	8.83	129	162510	8.793	ug/L	96
50) 1,2-Dibromoethane	8.94	107	136220	8.711	ug/L	96
51) Chlorobenzene	9.47	112	489502	9.324	ug/L	99
52) Ethylbenzene	9.59	91	864623	9.817	ug/L	99
53) m,p-Xylene	9.71	106	334970	10.291	ug/L	98
54) o-Xylene	10.11	106	309556	9.965	ug/L	99
55) Styrene	10.13	104	542359	10.062	ug/L	97
56) Isopropylbenzene	10.50	105	831224	10.393	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	174880	8.646	ug/L	98
59) 1,2,3-Trichloropropane	10.83	75	136502	8.694	ug/L	98
61) Bromoform	10.31	173	98305	9.883	ug/L	99
62) 1,3-Dichlorobenzene	11.75	146	358855	9.132	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	368801	9.298	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	344180	9.115	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	33543	8.909	ug/L	97
67) 1,3,5-Trichlorobenzene	13.24	180	263091	9.189	ug/L	97
68) 1,2,4-trichlorobenzene	13.86	180	242251	9.776	ug/L	97
69) Naphthalene	14.11	128	475549	10.109	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	228618	9.662	ug/L	97

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

