

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042719\
 Data File : VV010515.D
 Acq On : 26 Apr 2019 20:48
 Operator : SY/MD
 Sample : VSTD02038
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02038

Quant Time: Apr 26 22:26:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 26 22:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	273671	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	256287	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	136352	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	246537	15.74	ug/L	0.00
7) Chloroethane-d5	1.57	69	111291	10.22	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.13	63	467086	15.59	ug/L	0.00
20) 2-Butanone-d5	3.94	46	612896	175.37	ug/L	0.00
24) Chloroform-d	4.40	84	673443	19.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	302905	17.91	ug/L	0.00
32) Benzene-d6	5.10	84	1295555	20.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	357265	19.67	ug/L	0.00
41) Toluene-d8	7.36	98	1279865	20.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	144293	20.25	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	581845	206.11	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	256803	18.57	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	508517	19.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	401780	18.586	ug/L 96
3) Chloromethane	1.25	50	245745	14.903	ug/L 100
5) Vinyl chloride	1.32	62	289712	16.138	ug/L 98
6) Bromomethane	1.53	94	114708	10.216	ug/L 97
8) Chloroethane	1.59	64	103535	10.865	ug/L 95
9) Trichlorofluoromethane	1.76	101	549829	16.293	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	276079	15.807	ug/L 99
12) 1,1-Dichloroethene	2.14	96	246805	15.547	ug/L 94
13) Acetone	2.20	43	272504	136.823	ug/L 98
14) Carbon disulfide	2.31	76	631777	14.868	ug/L 98
15) Methyl Acetate	2.46	43	98116	18.220	ug/L 97
16) Methylene chloride	2.53	84	342459	18.296	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	723999	18.600	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	361140	19.691	ug/L 94
19) 1,1-Dichloroethane	3.23	63	581612	19.709	ug/L 99
21) 2-Butanone	4.03	43	627331	175.169	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	394371	20.623	ug/L 96
23) Bromochloromethane	4.30	128	173807	20.324	ug/L 99
25) Chloroform	4.43	83	664063	19.375	ug/L 98
27) 1,2-Dichloroethane	5.18	62	371344	18.411	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	619579	20.814	ug/L 100
30) Cyclohexane	4.72	56	489755	19.935	ug/L 98
31) Carbon tetrachloride	4.87	117	605100	22.253	ug/L 99
33) Benzene	5.15	78	1377084	20.971	ug/L 100
34) Trichloroethene	5.96	95	391800	20.730	ug/L 98
35) Methylcyclohexane	6.18	83	580661	21.276	ug/L 96
37) 1,2-Dichloropropane	6.22	63	310305	19.414	ug/L 98
38) Bromodichloromethane	6.56	83	448846	20.962	ug/L 97
39) cis-1,3-Dichloropropene	7.07	75	495483	21.256	ug/L 95
40) 4-Methyl-2-pentanone	7.28	43	1515833	169.310	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1533293	20.467	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	385458	21.303	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	238590	19.980	ug/L	93
47) Tetrachloroethene	8.02	164	373499	21.769	ug/L	99
48) 2-Hexanone	8.19	43	1064607	170.907	ug/L	97
49) Dibromochloromethane	8.29	129	336989	21.953	ug/L	97
50) 1,2-Dibromoethane	8.40	107	233304	20.295	ug/L	97
51) Chlorobenzene	8.93	112	1030176	20.185	ug/L	100
52) Ethylbenzene	9.05	91	1683959	20.543	ug/L	100
53) m,p-xylene	9.18	106	679372	21.213	ug/L	99
54) o-xylene	9.59	106	654918	20.625	ug/L	98
55) Styrene	9.60	104	1079425	20.827	ug/L	97
56) Isopropylbenzene	9.97	105	1731162	20.665	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	256205	18.714	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	177394	17.958	ug/L	99
61) Bromoform	9.77	173	184810	22.294	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	868695	20.472	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	875325	20.406	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	817273	20.102	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	40979	18.106	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	741623	21.232	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	600180	22.599	ug/L	99
69) Naphthalene	13.55	128	920354	23.077	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	561566	21.884	ug/L	100

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

