

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062119\
 Data File : VV011638.D
 Acq On : 20 Jun 2019 12:29
 Operator : SY/MD
 Sample : VSTD02036
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02036

Quant Time: Jun 21 01:30:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 21 01:26:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	185742	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	174146	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	84927	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	244523	17.74	ug/L	0.00
7) Chloroethane-d5	1.58	69	176230	19.54	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	498485	18.73	ug/L	0.00
20) 2-Butanone-d5	3.96	46	698563	181.45	ug/L	0.00
24) Chloroform-d	4.40	84	476549	18.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	272531	18.49	ug/L	0.00
32) Benzene-d6	5.09	84	1004051	19.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	305635	18.80	ug/L	0.00
41) Toluene-d8	7.36	98	929927	20.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	120511	21.98	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	564301	185.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	218836	18.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	319230	18.93	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	373054	21.749	ug/L 98
3) Chloromethane	1.25	50	329876	18.394	ug/L 98
5) Vinyl chloride	1.32	62	330135	18.698	ug/L 98
6) Bromomethane	1.53	94	141388	19.007	ug/L 99
8) Chloroethane	1.60	64	172131	19.587	ug/L 97
9) Trichlorofluoromethane	1.76	101	402055	20.208	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	240576	21.046	ug/L 99
12) 1,1-Dichloroethene	2.13	96	223463	19.221	ug/L 98
13) Acetone	2.22	43	429760	164.337	ug/L 99
14) Carbon disulfide	2.31	76	638358	20.546	ug/L 99
15) Methyl Acetate	2.47	43	108916	15.970	ug/L 98
16) Methylene chloride	2.53	84	228895	17.575	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	637683	18.724	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	268866	20.506	ug/L 98
19) 1,1-Dichloroethane	3.22	63	528326	19.635	ug/L 98
21) 2-Butanone	4.04	43	769088	185.554	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	293238	19.802	ug/L 100
23) Bromochloromethane	4.30	128	109166	18.797	ug/L 97
25) Chloroform	4.42	83	569924	20.596	ug/L 97
27) 1,2-Dichloroethane	5.18	62	346415	18.273	ug/L 99
29) 1,1,1-Trichloroethane	4.65	97	460389	21.234	ug/L 99
30) Cyclohexane	4.72	56	516074	22.381	ug/L 99
31) Carbon tetrachloride	4.87	117	400559	22.679	ug/L 100
33) Benzene	5.14	78	1142958	20.110	ug/L 100
34) Trichloroethene	5.95	95	297651	20.465	ug/L 98
35) Methylcyclohexane	6.17	83	509486	23.902	ug/L 97
37) 1,2-Dichloropropane	6.22	63	283263	18.840	ug/L 100
38) Bromodichloromethane	6.55	83	354642	20.906	ug/L 98
39) cis-1,3-Dichloropropene	7.07	75	432167	22.704	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	1907746	181.686	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1226158	20.711	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	334147	22.976	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	184933	18.622	ug/L	93
47) Tetrachloroethene	8.02	164	226258	21.388	ug/L	99
48) 2-Hexanone	8.19	43	1389845	188.049	ug/L	100
49) Dibromochloromethane	8.29	129	213361	21.355	ug/L	99
50) 1,2-Dibromoethane	8.40	107	173947	19.296	ug/L	98
51) Chlorobenzene	8.92	112	737360	20.277	ug/L	99
52) Ethylbenzene	9.05	91	1386517	22.092	ug/L	99
53) m,p-xylene	9.18	106	508790	22.126	ug/L	98
54) o-xylene	9.59	106	503081	21.957	ug/L	99
55) Styrene	9.60	104	840089	22.226	ug/L	97
56) Isopropylbenzene	9.97	105	1356895	22.993	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	220663	18.216	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	165722	17.772	ug/L	99
61) Bromoform	9.77	173	102698	19.425	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	566640	20.373	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	562529	19.951	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	527633	19.063	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	32040	16.751	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	427205	21.049	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	352312	21.822	ug/L	100
69) Naphthalene	13.55	128	629289	20.475	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	319825	20.535	ug/L	99

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

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