

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070219\
 Data File : VV011800.D
 Acq On : 02 Jul 2019 10:52
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Jul 03 07:53:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 03 07:50:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173181	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	168087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	81712	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62428	4.79	ug/L	0.00
7) Chloroethane-d5	1.58	69	47687	5.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	121588	4.87	ug/L	0.00
20) 2-Butanone-d5	3.97	46	155001	43.38	ug/L	0.00
24) Chloroform-d	4.40	84	122351	4.86	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	63121	4.61	ug/L	0.00
32) Benzene-d6	5.10	84	234588	4.71	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	71919	4.58	ug/L	0.00
41) Toluene-d8	7.36	98	217859	4.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	25300	4.78	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	121813	41.57	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	51420	4.39	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	73506	4.55	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89852	5.627	ug/L 100
3) Chloromethane	1.25	50	85139	5.022	ug/L 100
5) Vinyl chloride	1.32	62	82762	4.992	ug/L 100
6) Bromomethane	1.53	94	42253	5.776	ug/L 100
8) Chloroethane	1.60	64	47016	5.562	ug/L 100
9) Trichlorofluoromethane	1.77	101	112693	5.921	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	60573	5.630	ug/L 100
12) 1,1-Dichloroethene	2.14	96	55016	5.060	ug/L 100
13) Acetone	2.23	43	102900	42.525	ug/L 100
14) Carbon disulfide	2.32	76	151176	5.128	ug/L 100
15) Methyl Acetate	2.47	43	24473	3.903	ug/L 100
16) Methylene chloride	2.53	84	60933	4.942	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	147609	4.649	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	62873	5.134	ug/L 100
19) 1,1-Dichloroethane	3.23	63	128143	5.062	ug/L 100
21) 2-Butanone	4.06	43	176142	45.835	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	68189	4.924	ug/L 100
23) Bromochloromethane	4.30	128	28693	5.195	ug/L 100
25) Chloroform	4.43	83	131259	5.151	ug/L 100
27) 1,2-Dichloroethane	5.18	62	85193	4.807	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	105492	5.051	ug/L 100
30) Cyclohexane	4.72	56	113776	5.176	ug/L 100
31) Carbon tetrachloride	4.87	117	92418	5.385	ug/L 100
33) Benzene	5.14	78	274149	5.006	ug/L 100
34) Trichloroethene	5.96	95	69343	4.967	ug/L 100
35) Methylcyclohexane	6.17	83	116044	5.624	ug/L 100
37) 1,2-Dichloropropane	6.22	63	70182	4.808	ug/L 100
38) Bromodichloromethane	6.56	83	80800	4.898	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	95101	5.150	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	448054	44.319	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	295816	5.174	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	72520	5.127	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	44683	4.644	ug/L	100
47) Tetrachloroethene	8.02	164	56057	5.455	ug/L	100
48) 2-Hexanone	8.19	43	319281	44.919	ug/L	100
49) Dibromochloromethane	8.29	129	47893	4.927	ug/L	100
50) 1,2-Dibromoethane	8.40	107	41754	4.793	ug/L	100
51) Chlorobenzene	8.92	112	180630	5.127	ug/L	100
52) Ethylbenzene	9.05	91	322436	5.317	ug/L	100
53) m,p-xylene	9.18	106	120297	5.419	ug/L	100
54) o-xylene	9.59	106	116230	5.252	ug/L	100
55) Styrene	9.60	104	194898	5.302	ug/L	100
56) Isopropylbenzene	9.97	105	312450	5.469	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	54251	4.620	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	40243	4.502	ug/L	100
61) Bromoform	9.77	173	23019	4.485	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	133593	5.015	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	134983	4.986	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	126496	4.776	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7648	4.080	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	104885	5.312	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	84450	5.325	ug/L	100
69) Naphthalene	13.55	128	134997	4.494	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	79908	5.225	ug/L	100

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

