

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073119\
 Data File : VV012077.D
 Acq On : 30 Jul 2019 18:28
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Quant Time: Jul 31 04:36:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR073119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 31 04:32:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	116030	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	111061	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	64180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55944	9.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	44547	9.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	121604	10.19	ug/L	0.00
20) 2-Butanone-d5	3.97	46	172682	99.73	ug/L	0.00
24) Chloroform-d	4.40	84	150371	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	86847	10.56	ug/L	0.00
32) Benzene-d6	5.10	84	306383	9.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	84020	9.62	ug/L	0.00
41) Toluene-d8	7.36	98	298823	10.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	39069	10.82	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	138268	98.98	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	62648	9.92	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	120548	9.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	142124	11.753	ug/L 99
3) Chloromethane	1.25	50	67774	10.077	ug/L 99
5) Vinyl chloride	1.32	62	73189	10.538	ug/L 98
6) Bromomethane	1.54	94	46516	11.190	ug/L 100
8) Chloroethane	1.60	64	39440	9.644	ug/L 99
9) Trichlorofluoromethane	1.77	101	144977	11.118	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	61646	10.540	ug/L 98
12) 1,1-Dichloroethene	2.14	96	56516	10.821	ug/L 95
13) Acetone	2.23	43	86028	94.225	ug/L 98
14) Carbon disulfide	2.32	76	158928	10.755	ug/L 98
15) Methyl Acetate	2.47	43	16683	8.259	ug/L 98
16) Methylene chloride	2.53	84	54697	9.289	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	191338	10.786	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	84594	10.518	ug/L 93
19) 1,1-Dichloroethane	3.23	63	151539	10.650	ug/L 98
21) 2-Butanone	4.05	43	179663	102.928	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	90038	10.382	ug/L 92
23) Bromochloromethane	4.30	128	41066	11.379	ug/L 95
25) Chloroform	4.43	83	185718	10.618	ug/L 99
27) 1,2-Dichloroethane	5.18	62	108245	11.165	ug/L 99
29) 1,1,1-Trichloroethane	4.66	97	164506	11.678	ug/L 98
30) Cyclohexane	4.72	56	130753	10.137	ug/L 98
31) Carbon tetrachloride	4.87	117	150864	11.857	ug/L 99
33) Benzene	5.15	78	340871	10.727	ug/L 100
34) Trichloroethene	5.96	95	97010	10.900	ug/L 97
35) Methylcyclohexane	6.18	83	148229	10.761	ug/L 99
37) 1,2-Dichloropropane	6.22	63	76385	10.088	ug/L 98
38) Bromodichloromethane	6.56	83	115587	11.237	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	127039	11.207	ug/L 97
40) 4-Methyl-2-pentanone	7.28	43	445722	106.402	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	381009	11.144	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	102633	11.348	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	57291	10.821	ug/L	98
47) Tetrachloroethene	8.02	164	88629	11.413	ug/L	99
48) 2-Hexanone	8.19	43	317627	108.820	ug/L	98
49) Dibromochloromethane	8.29	129	79738	12.105	ug/L	98
50) 1,2-Dibromoethane	8.40	107	55865	11.131	ug/L	96
51) Chlorobenzene	8.92	112	248006	11.001	ug/L	99
52) Ethylbenzene	9.05	91	441796	11.296	ug/L	98
53) m,p-xylene	9.18	106	169084	11.399	ug/L	98
54) o-xylene	9.59	106	165616	11.692	ug/L	96
55) Styrene	9.60	104	280672	11.803	ug/L	97
56) Isopropylbenzene	9.97	105	459974	11.662	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	63190	10.959	ug/L	96
59) 1,2,3-Trichloropropane	10.32	75	49050	11.074	ug/L	97
61) Bromoform	9.77	173	43831	11.359	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	224060	10.866	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	222927	10.508	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	201281	10.675	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	11657	10.491	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	184475	10.672	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	152744	10.970	ug/L	99
69) Naphthalene	13.55	128	220199	10.714	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	136473	10.865	ug/L	98

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

