

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061419\
 Data File : VV011502.D
 Acq On : 14 Jun 2019 18:33
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02035

Quant Time: Jun 14 18:52:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 14 18:24:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	194683	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	183956	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	86669	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	266890	18.09	ug/L	0.00
7) Chloroethane-d5	1.58	69	171511	13.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	511954	17.37	ug/L	0.00
20) 2-Butanone-d5	3.96	46	838656	252.52	ug/L	0.00
24) Chloroform-d	4.40	84	536972	20.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	298603	21.27	ug/L	0.00
32) Benzene-d6	5.09	84	1015531	18.45	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	319275	18.84	ug/L	0.00
41) Toluene-d8	7.36	98	930539	18.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	125279	19.39	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	701216	256.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	256119	22.16	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	325347	19.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	320880	16.712	ug/L 99
3) Chloromethane	1.25	50	364708	19.646	ug/L 100
5) Vinyl chloride	1.32	62	342022	19.095	ug/L 99
6) Bromomethane	1.53	94	158696	17.030	ug/L 99
8) Chloroethane	1.59	64	157389	13.751	ug/L 99
9) Trichlorofluoromethane	1.75	101	313856	12.765	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	202232	16.024	ug/L 98
12) 1,1-Dichloroethene	2.13	96	219225	17.873	ug/L 93
13) Acetone	2.22	43	494385	222.020	ug/L 97
14) Carbon disulfide	2.31	76	649858	17.465	ug/L 100
15) Methyl Acetate	2.47	43	128861	21.789	ug/L 100
16) Methylene chloride	2.53	84	243966	19.304	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	697451	21.300	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	257352	18.739	ug/L 98
19) 1,1-Dichloroethane	3.22	63	530823	19.595	ug/L 98
21) 2-Butanone	4.04	43	885501	258.221	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	297893	19.587	ug/L 94
23) Bromochloromethane	4.30	128	113929	19.541	ug/L 97
25) Chloroform	4.42	83	536315	19.170	ug/L 99
27) 1,2-Dichloroethane	5.18	62	375856	21.984	ug/L 100
29) 1,1,1-Trichloroethane	4.65	97	442495	18.860	ug/L 99
30) Cyclohexane	4.72	56	412927	15.873	ug/L 98
31) Carbon tetrachloride	4.87	117	364252	18.575	ug/L 99
33) Benzene	5.14	78	1121569	19.161	ug/L 100
34) Trichloroethene	5.96	95	284493	18.813	ug/L 98
35) Methylcyclohexane	6.17	83	400588	16.018	ug/L 97
37) 1,2-Dichloropropane	6.22	63	293908	20.174	ug/L 99
38) Bromodichloromethane	6.55	83	368860	20.479	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	436334	20.471	ug/L 96
40) 4-Methyl-2-pentanone	7.28	43	2255317	243.095	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	1186923	19.025	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	348078	21.480	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	198841	21.322	ug/L	98
47) Tetrachloroethene	8.02	164	197661	18.087	ug/L	97
48) 2-Hexanone	8.19	43	1614871	249.579	ug/L	100
49) Dibromochloromethane	8.29	129	231797	21.882	ug/L	97
50) 1,2-Dibromoethane	8.40	107	190316	21.469	ug/L	99
51) Chlorobenzene	8.92	112	725197	19.061	ug/L	98
52) Ethylbenzene	9.05	91	1299011	18.749	ug/L	99
53) m,p-xylene	9.18	106	480930	18.770	ug/L	99
54) o-xylene	9.59	106	486103	19.332	ug/L	97
55) Styrene	9.60	104	836753	20.432	ug/L	99
56) Isopropylbenzene	9.97	105	1225331	18.106	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	254692	22.527	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	190470	22.415	ug/L	99
61) Bromoform	9.78	173	116113	22.302	ug/L	100
62) 1,3-Dichlorobenzene	11.22	146	537544	18.756	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	537998	19.338	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	528332	19.945	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	39938	21.040	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	400117	19.406	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	339081	21.662	ug/L	100
69) Naphthalene	13.55	128	698554	27.264	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	322477	22.974	ug/L	99

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

