

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072219\
 Data File : VV011950.D
 Acq On : 22 Jul 2019 16:01
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00533

Quant Time: Jul 23 06:55:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 23 06:51:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	161715	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	155549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	82256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39221	3.47	ug/L	0.00
7) Chloroethane-d5	1.59	69	30355	3.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	81679	4.28	ug/L	0.00
20) 2-Butanone-d5	3.96	46	118788	40.70	ug/L	0.00
24) Chloroform-d	4.40	84	101948	4.32	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	52479	4.33	ug/L	0.00
32) Benzene-d6	5.10	84	202543	4.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	57793	4.23	ug/L	0.00
41) Toluene-d8	7.36	98	192517	4.67	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	23890	4.66	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	98649	47.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40674	4.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	74433	4.50	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89644	5.363	ug/L 100
3) Chloromethane	1.25	50	51883	3.500	ug/L 100
5) Vinyl chloride	1.33	62	53553	3.723	ug/L 100
6) Bromomethane	1.54	94	32289	3.819	ug/L 100
8) Chloroethane	1.60	64	31100	3.806	ug/L 100
9) Trichlorofluoromethane	1.77	101	99631	5.163	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	43484	4.766	ug/L 100
12) 1,1-Dichloroethene	2.14	96	39211	4.672	ug/L 100
13) Acetone	2.22	43	69728	46.498	ug/L 100
14) Carbon disulfide	2.32	76	110468	4.612	ug/L 100
15) Methyl Acetate	2.47	43	13249	4.290	ug/L 100
16) Methylene chloride	2.54	84	38787	4.374	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	136340	5.246	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	60369	5.020	ug/L 100
19) 1,1-Dichloroethane	3.23	63	109814	4.874	ug/L 100
21) 2-Butanone	4.04	43	141244	48.609	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	65677	5.235	ug/L 100
23) Bromochloromethane	4.30	128	27729	5.397	ug/L 100
25) Chloroform	4.43	83	124144	5.026	ug/L 100
27) 1,2-Dichloroethane	5.18	62	72562	5.048	ug/L 100
29) 1,1,1-Trichloroethane	4.66	97	107407	5.549	ug/L 100
30) Cyclohexane	4.73	56	98595	4.949	ug/L 100
31) Carbon tetrachloride	4.88	117	97030	5.689	ug/L 100
33) Benzene	5.15	78	247192	5.127	ug/L 100
34) Trichloroethene	5.96	95	67675	5.042	ug/L 100
35) Methylcyclohexane	6.18	83	104794	5.139	ug/L 100
37) 1,2-Dichloropropane	6.22	63	56794	4.919	ug/L 100
38) Bromodichloromethane	6.56	83	78590	5.364	ug/L 100
39) cis-1,3-Dichloropropene	7.07	75	88684	5.454	ug/L 100
40) 4-Methyl-2-pentanone	7.27	43	343487	49.701	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	269842	5.321	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	70951	5.478	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	41529	5.191	ug/L	100
47) Tetrachloroethene	8.02	164	57805	5.683	ug/L	100
48) 2-Hexanone	8.19	43	244856	49.621	ug/L	100
49) Dibromochloromethane	8.29	129	50974	5.741	ug/L	100
50) 1,2-Dibromoethane	8.40	107	38788	5.264	ug/L	100
51) Chlorobenzene	8.92	112	173078	5.356	ug/L	100
52) Ethylbenzene	9.05	91	306929	5.455	ug/L	100
53) m,p-xylene	9.18	106	118861	5.646	ug/L	100
54) o-xylene	9.59	106	110650	5.656	ug/L	100
55) Styrene	9.60	104	192459	5.778	ug/L	100
56) Isopropylbenzene	9.97	105	311208	5.744	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	44838	5.784	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	35582	5.074	ug/L	100
61) Bromoform	9.77	173	27646	5.788	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	143547	5.342	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	145411	5.275	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	133712	5.342	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	7358	5.193	ug/L	100
67) 1,3,5-Trichlorobenzene	12.69	180	117064	5.518	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	96642	5.748	ug/L	100
69) Naphthalene	13.55	128	147671	5.728	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	89923	5.906	ug/L	100

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

