

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090219\
 Data File : VV012519.D
 Acq On : 02 Sep 2019 10:42
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01033

Quant Time: Sep 03 01:48:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 03 01:44:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	167170	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	165812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	83684	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157816	10.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	179356	15.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	374585	13.59	ug/L	0.00
20) 2-Butanone-d5	3.94	46	317605	104.42	ug/L	-0.03
24) Chloroform-d	4.40	84	250921	9.92	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	125913	10.12	ug/L	0.00
32) Benzene-d6	5.10	84	468737	9.65	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	144022	9.32	ug/L	0.00
41) Toluene-d8	7.36	98	446921	10.23	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	54982	10.07	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	228690	106.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	100516	9.20	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	147139	9.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	206130	9.402 ug/L	99
3) Chloromethane	1.25	50	236962	10.351 ug/L	97
5) Vinyl chloride	1.32	62	256932	11.531 ug/L	100
6) Bromomethane	1.54	94	170315	13.766 ug/L	97
8) Chloroethane	1.60	64	211042	16.675 ug/L	99
9) Trichlorofluoromethane	1.77	101	389711	12.970 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	220286	14.289 ug/L	100
12) 1,1-Dichloroethene	2.14	96	203519	13.943 ug/L	96
13) Acetone	2.20	43	392964	147.882 ug/L	99
14) Carbon disulfide	2.32	76	641094	14.321 ug/L	100
15) Methyl Acetate	2.46	43	96421	14.592 ug/L	98
16) Methylene chloride	2.53	84	222697	13.304 ug/L	97
17) Methyl tert-butyl Ether	2.80	73	364572	10.381 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	166574	10.168 ug/L	98
19) 1,1-Dichloroethane	3.23	63	325329	10.186 ug/L	99
21) 2-Butanone	4.02	43	441197	108.025 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	177438	10.442 ug/L	98
23) Bromochloromethane	4.30	128	69599	9.558 ug/L	96
25) Chloroform	4.42	83	328211	9.820 ug/L	99
27) 1,2-Dichloroethane	5.18	62	203608	10.692 ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	265779	9.979 ug/L	98
30) Cyclohexane	4.72	56	290478	10.710 ug/L	99
31) Carbon tetrachloride	4.87	117	231647	9.890 ug/L	100
33) Benzene	5.14	78	696664	10.173 ug/L	100
34) Trichloroethene	5.96	95	183558	10.471 ug/L	99
35) Methylcyclohexane	6.17	83	299198	11.222 ug/L	98
37) 1,2-Dichloropropane	6.22	63	177472	10.011 ug/L	99
38) Bromodichloromethane	6.55	83	225660	10.128 ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	251835	10.893 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1106130	108.200 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	766240	10.898	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	196388	10.888	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	110990	9.378	ug/L	97
47) Tetrachloroethene	8.02	164	132571	9.594	ug/L	94
48) 2-Hexanone	8.18	43	800795	114.913	ug/L	100
49) Dibromochloromethane	8.29	129	134390	9.995	ug/L	99
50) 1,2-Dibromoethane	8.40	107	101591	9.764	ug/L	95
51) Chlorobenzene	8.92	112	463376	10.414	ug/L	97
52) Ethylbenzene	9.05	91	857033	11.458	ug/L	100
53) m,p-xylene	9.18	106	310581	11.458	ug/L	99
54) o-xylene	9.59	106	299372	11.271	ug/L	100
55) Styrene	9.60	104	520842	11.733	ug/L	99
56) Isopropylbenzene	9.97	105	837543	11.901	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	128490	9.326	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	98170	9.882	ug/L	96
61) Bromoform	9.77	173	66568	8.804	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	357715	10.241	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	357075	10.185	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	327481	9.974	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	19459	8.779	ug/L #	92
67) 1,3,5-Trichlorobenzene	12.69	180	265673	10.205	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	205510	10.764	ug/L	99
69) Naphthalene	13.55	128	325361	11.805	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	187420	10.403	ug/L	95

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

