

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111319\
 Data File : VV013601.D
 Acq On : 13 Nov 2019 10:49
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01033

Quant Time: Nov 14 04:54:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 14 04:50:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.71	114	421451	5.00	ug/L	0.01
28) Chlorobenzene-d5	8.91	117	408542	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230200	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	300426	15.28	ug/L	0.00
7) Chloroethane-d5	1.60	69	236987	14.09	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.15	63	509950	13.74	ug/L	0.00
20) 2-Butanone-d5	4.04	46	569885	94.61	ug/L	0.00
24) Chloroform-d	4.43	84	507383	11.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.11	65	294641	12.52	ug/L	0.01
32) Benzene-d6	5.12	84	1213797	14.33	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.18	67	363158	12.66	ug/L	0.02
41) Toluene-d8	7.39	98	1169448	15.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.69	79	139469	12.81	ug/L	0.00
46) 2-Hexanone-d5	8.16	63	617821	139.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	260960	11.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	423418	10.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.16	85	421954	10.469 ug/L	99
3) Chloromethane	1.27	50	378073	10.390 ug/L	100
5) Vinyl chloride	1.34	62	362436	10.437 ug/L	100
6) Bromomethane	1.56	94	208825	11.192 ug/L	97
8) Chloroethane	1.62	64	207420	10.798 ug/L	96
9) Trichlorofluoromethane	1.78	101	500014	10.707 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.16	101	278066	10.563 ug/L	98
12) 1,1-Dichloroethene	2.16	96	266423	10.730 ug/L	95
13) Acetone	2.28	43	368406	100.579 ug/L	95
14) Carbon disulfide	2.34	76	776500	10.451 ug/L	99
15) Methyl Acetate	2.52	43	103126	9.753 ug/L	93
16) Methylene chloride	2.58	84	273973	8.716 ug/L	98
17) Methyl tert-butyl Ether	2.86	73	616554	9.565 ug/L	98
18) trans-1,2-Dichloroethene	2.83	96	283976	9.422 ug/L	97
19) 1,1-Dichloroethane	3.27	63	499198	8.998 ug/L	98
21) 2-Butanone	4.12	43	652172	98.906 ug/L	97
22) cis-1,2-Dichloroethene	4.00	96	311524	9.924 ug/L	98
23) Bromochloromethane	4.33	128	135795	9.399 ug/L	95
25) Chloroform	4.46	83	536574	8.738 ug/L	100
27) 1,2-Dichloroethane	5.21	62	380314	11.217 ug/L	97
29) 1,1,1-Trichloroethane	4.68	97	458254	9.501 ug/L	98
30) Cyclohexane	4.73	56	442982	9.191 ug/L	98
31) Carbon tetrachloride	4.89	117	408535	9.419 ug/L	100
33) Benzene	5.16	78	1374851	11.028 ug/L	100
34) Trichloroethene	6.01	95	356589	10.683 ug/L	97
35) Methylcyclohexane	6.23	83	559200	11.147 ug/L	97
37) 1,2-Dichloropropane	6.28	63	337792	11.061 ug/L	# 96
38) Bromodichloromethane	6.60	83	435571	11.023 ug/L	99
39) cis-1,3-Dichloropropene	7.11	75	481923	11.427 ug/L	100
40) 4-Methyl-2-pentanone	7.31	43	2046696	118.247 ug/L	99

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42) Toluene	7.46	91	1486138	11.477	ug/L	100
44) trans-1,3-Dichloropropene	7.72	75	372519	11.132	ug/L	98
45) 1,1,2-Trichloroethane	7.91	97	232896	11.064	ug/L	98
47) Tetrachloroethene	8.04	164	321268	10.944	ug/L	98
48) 2-Hexanone	8.21	43	1461703	117.825	ug/L	99
49) Dibromochloromethane	8.31	129	299884	11.410	ug/L	97
50) 1,2-Dibromoethane	8.42	107	217779	11.099	ug/L	98
51) Chlorobenzene	8.94	112	920600	10.760	ug/L	100
52) Ethylbenzene	9.07	91	1588465	11.537	ug/L	100
53) m,p-xylene	9.19	106	621543	12.043	ug/L	100
54) o-xylene	9.59	106	588594	11.947	ug/L	96
55) Styrene	9.61	104	1051488	12.486	ug/L	100
56) Isopropylbenzene	9.98	105	1580776	11.893	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	259251	11.459	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	198496	10.934	ug/L	99
61) Bromoform	9.78	173	174072	10.658	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	788767	10.395	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	787689	10.348	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	717847	10.290	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	41098	11.261	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	629207	10.570	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	491573	10.479	ug/L	99
69) Naphthalene	13.55	128	699572	11.163	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	481500	10.857	ug/L	99

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

