

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015176.D
 Acq On : 10 Apr 2020 12:16
 Operator : SY/VA
 Sample : VSTD05001
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD05001

Quant Time: Apr 10 12:53:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 10 12:17:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1261133	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1119867	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	505174	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	575021	28.12	ug/L	0.00
7) Chloroethane-d5	2.89	69	421305	25.30	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	1549658	36.68	ug/L	0.00
20) 2-Butanone-d5	7.07	46	394893	79.95	ug/L	0.00
24) Chloroform-d	7.65	84	1457399	39.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	736432	34.78	ug/L	0.00
29) Benzene-d6	8.27	84	3060109	42.49	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	935054	39.56	ug/L	0.00
37) Toluene-d8	10.32	98	2884408	46.41	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	437538	46.80	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	340544	93.63	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	704171	42.81	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	912927	49.85	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	476026	49.987	ug/L 98
3) Chloromethane	2.21	50	562247	33.261	ug/L 100
5) Vinyl chloride	2.37	62	756353	32.456	ug/L 100
6) Bromomethane	2.78	94	383901	30.012	ug/L 99
8) Chloroethane	2.92	64	378224	27.411	ug/L 98
9) Trichlorofluoromethane	3.26	101	633383	46.300	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	866170	45.253	ug/L 99
12) 1,1-Dichloroethene	4.04	96	876385	47.828	ug/L 96
13) Acetone	4.12	43	230747	56.626	ug/L 97
14) Carbon disulfide	4.39	76	2861377	42.954	ug/L 99
15) Methyl Acetate	4.67	43	339446	34.832	ug/L 99
16) Methylene chloride	4.92	84	848606	40.888	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	1141949	47.807	ug/L 99
18) trans-1,2-Dichloroethene	5.42	96	895970	47.175	ug/L 99
19) 1,1-Dichloroethane	6.21	63	1535484	39.213	ug/L 99
21) 2-Butanone	7.17	43	441253	74.683	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	933577	49.138	ug/L 98
23) Bromochloromethane	7.51	128	386227	49.305	ug/L 99
25) Chloroform	7.67	83	1476933	41.175	ug/L 98
27) 1,2-Dichloroethane	8.40	62	913555	36.394	ug/L 99
30) Cyclohexane	7.95	56	1571750	45.209	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	1281243	44.996	ug/L 99
32) Carbon tetrachloride	8.07	117	1177736	47.276	ug/L 98
34) Benzene	8.32	78	3510585	44.062	ug/L 100
35) Trichloroethene	9.09	95	922666	46.882	ug/L 100
36) Methylcyclohexane	9.34	83	1673212	49.287	ug/L 99
40) 1,2-Dichloropropane	9.37	63	867348	40.072	ug/L 100
41) Bromodichloromethane	9.64	83	1104455	44.039	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	1413405	48.238	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	1026084	83.691	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.38	91	3753214	47.287	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	1211382	47.437	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	610485	46.546	ug/L	98
47) Tetrachloroethene	10.86	164	660147	50.759	ug/L	98
49) 2-Hexanone	10.96	43	693673	85.493	ug/L	100
50) Dibromochloromethane	11.13	129	725552	52.479	ug/L	99
51) 1,2-Dibromoethane	11.23	107	580542	49.311	ug/L	98
52) Chlorobenzene	11.66	112	2294473	48.446	ug/L	99
53) Ethylbenzene	11.73	91	4234058	49.095	ug/L	100
54) m,p-Xylene	11.83	106	1635051	53.261	ug/L	99
55) o-xylene	12.16	106	1558734	53.907	ug/L	99
56) Styrene	12.18	104	2657851	54.321	ug/L	98
57) Isopropylbenzene	12.46	105	4242163	53.505	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	730800	45.091	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	538723	44.432	ug/L	98
62) Bromoform	12.35	173	415131	55.519	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	1741307	52.611	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	1667233	49.746	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	1523726	50.875	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	125345	44.656	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	1185703	54.378	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	986619	59.137	ug/L	97
69) Naphthalene	15.36	128	2012391	61.824	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	833393	54.573	ug/L	98

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

