

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015352.D
 Acq On : 27 Apr 2020 11:21
 Operator : SY/VA
 Sample : VSTD10004
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10004

Quant Time: Apr 27 12:00:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 27 11:03:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	339135	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335748	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	183838	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	329230	106.74	ug/L	0.00
7) Chloroethane-d5	2.88	69	308453	118.63	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	676374	86.66	ug/L	0.00
20) 2-Butanone-d5	7.07	46	173345	174.65	ug/L	0.00
24) Chloroform-d	7.65	84	718438	94.79	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	396459	106.49	ug/L	0.00
29) Benzene-d6	8.27	84	1371226	75.60	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	385135	70.57	ug/L	0.00
37) Toluene-d8	10.32	98	1469478	85.45	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	210306	86.44	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	160223	164.53	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	351886	88.36	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	609282	94.37	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	465428	134.521	ug/L	100
3) Chloromethane	2.22	50	386572	92.991	ug/L	98
5) Vinyl chloride	2.36	62	449257	110.955	ug/L	98
6) Bromomethane	2.76	94	333821	146.639	ug/L	99
8) Chloroethane	2.92	64	284686	123.269	ug/L	99
9) Trichlorofluoromethane	3.26	101	723189	223.928	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	441894	96.066	ug/L	99
12) 1,1-Dichloroethene	4.04	96	400975	89.887	ug/L	90
13) Acetone	4.13	43	151756	210.864	ug/L	96
14) Carbon disulfide	4.39	76	1234333	88.134	ug/L	100
15) Methyl Acetate	4.67	43	148229	89.714	ug/L	99
16) Methylene chloride	4.92	84	414995	87.982	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	1011989	171.647	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	457369	99.975	ug/L	100
19) 1,1-Dichloroethane	6.22	63	708260	91.210	ug/L	99
21) 2-Butanone	7.17	43	204407	176.381	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	488215	102.170	ug/L	98
23) Bromochloromethane	7.51	128	231058	116.194	ug/L	96
25) Chloroform	7.68	83	833140	110.248	ug/L	100
27) 1,2-Dichloroethane	8.40	62	510630	113.069	ug/L	100
30) Cyclohexane	7.96	56	624644	68.682	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	757889	101.776	ug/L	99
32) Carbon tetrachloride	8.07	117	674441	98.901	ug/L	99
34) Benzene	8.32	78	1611517	78.234	ug/L	100
35) Trichloroethene	9.09	95	461416	86.539	ug/L	99
36) Methylcyclohexane	9.34	83	779769	79.257	ug/L	99
40) 1,2-Dichloropropane	9.37	63	365739	73.222	ug/L	100
41) Bromodichloromethane	9.65	83	593477	95.178	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	672717	85.623	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	431105	149.126	ug/L	99

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44) Toluene	10.39	91	1956070	89.462	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	615288	92.576	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	328466	92.931	ug/L	99
47) Tetrachloroethene	10.86	164	450001	111.130	ug/L	93
49) 2-Hexanone	10.97	43	317433	166.344	ug/L	99
50) Dibromochloromethane	11.13	129	448746	107.918	ug/L	93
51) 1,2-Dibromoethane	11.24	107	334146	100.597	ug/L	97
52) Chlorobenzene	11.66	112	1332600	98.768	ug/L	99
53) Ethylbenzene	11.73	91	2306625	94.095	ug/L	100
54) m,p-Xylene	11.84	106	927469	98.275	ug/L	96
55) o-xylene	12.16	106	894105	98.942	ug/L	96
56) Styrene	12.18	104	1562880	103.509	ug/L	99
57) Isopropylbenzene	12.46	105	2431208	100.147	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	368626	90.917	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	276001	92.543	ug/L	98
62) Bromoform	12.35	173	291570	102.545	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	1177840	97.569	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	1157084	98.033	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	1065645	99.525	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	72648	89.537	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	920000	111.648	ug/L	96
68) 1,2,4-trichlorobenzene	15.13	180	748949	110.518	ug/L	98
69) Naphthalene	15.36	128	1327936	98.044	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	659360	113.760	ug/L	97

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

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