

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042720\
 Data File : VW015350.D
 Acq On : 27 Apr 2020 10:33
 Operator : SY/VA
 Sample : VSTD02502
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02502

Quant Time: Apr 27 11:02:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 27 09:28:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	340120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	325423	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	179412	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	89246	28.85	ug/L	0.00
7) Chloroethane-d5	2.89	69	82221	31.53	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	169259	21.62	ug/L	0.00
20) 2-Butanone-d5	7.08	46	38605	38.78	ug/L	0.00
24) Chloroform-d	7.65	84	150736	19.83	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	94999	25.44	ug/L	0.00
29) Benzene-d6	8.27	84	351785	20.01	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	98787	18.68	ug/L	0.00
37) Toluene-d8	10.32	98	376204	22.57	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	51285	21.75	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	37836	40.09	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	85270	22.09	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	151519	24.05	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	114207	32.913	ug/L 98
3) Chloromethane	2.22	50	99463	23.857	ug/L 97
5) Vinyl chloride	2.36	62	119249	29.366	ug/L 99
6) Bromomethane	2.78	94	84232	36.894	ug/L 98
8) Chloroethane	2.92	64	74241	32.053	ug/L 98
9) Trichlorofluoromethane	3.26	101	179266	55.347	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	110031	23.851	ug/L 92
12) 1,1-Dichloroethene	4.04	96	100070	22.368	ug/L 91
13) Acetone	4.12	43	35630	49.364	ug/L 91
14) Carbon disulfide	4.39	76	310390	22.098	ug/L 99
15) Methyl Acetate	4.68	43	33275	20.081	ug/L 95
16) Methylene chloride	4.92	84	104366	22.062	ug/L 94
17) Methyl tert-butyl Ether	5.43	73	239145	40.445	ug/L 96
18) trans-1,2-Dichloroethene	5.43	96	111408	24.282	ug/L 92
19) 1,1-Dichloroethane	6.22	63	170709	21.920	ug/L 97
21) 2-Butanone	7.17	43	48303	41.560	ug/L 94
22) cis-1,2-Dichloroethene	7.17	96	117238	24.464	ug/L 95
23) Bromochloromethane	7.52	128	53917	27.035	ug/L # 76
25) Chloroform	7.68	83	222194	29.317	ug/L 99
27) 1,2-Dichloroethane	8.40	62	121392	26.802	ug/L 99
30) Cyclohexane	7.96	56	164858	18.702	ug/L 88
31) 1,1,1-Trichloroethane	7.87	97	189070	26.196	ug/L 99
32) Carbon tetrachloride	8.07	117	171434	25.937	ug/L 100
34) Benzene	8.32	78	410138	20.543	ug/L 100
35) Trichloroethene	9.09	95	118137	22.860	ug/L 93
36) Methylcyclohexane	9.34	83	205333	21.533	ug/L 93
40) 1,2-Dichloropropane	9.37	63	93210	19.253	ug/L # 96
41) Bromodichloromethane	9.65	83	144171	23.855	ug/L 97
42) cis-1,3-Dichloropropene	10.07	75	168624	22.143	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	100962	36.032	ug/L # 94

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44) Toluene	10.39	91	500594	23.621	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	148951	23.122	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	80101	23.381	ug/L	98
47) Tetrachloroethene	10.86	164	111088	28.304	ug/L	93
49) 2-Hexanone	10.97	43	75269	40.695	ug/L #	96
50) Dibromochloromethane	11.13	129	107216	26.602	ug/L	94
51) 1,2-Dibromoethane	11.23	107	79731	24.765	ug/L	98
52) Chlorobenzene	11.66	112	336264	25.713	ug/L	96
53) Ethylbenzene	11.73	91	590564	24.855	ug/L	100
54) m,p-Xylene	11.84	106	236721	25.879	ug/L	94
55) o-xylene	12.16	106	223637	25.533	ug/L	97
56) Styrene	12.18	104	385355	26.332	ug/L	94
57) Isopropylbenzene	12.46	105	629301	26.745	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	89326	22.730	ug/L #	98
59) 1,2,3-Trichloropropane	12.77	75	66243	22.916	ug/L	99
62) Bromoform	12.35	173	68458	24.670	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	290759	24.680	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	288076	25.009	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	260875	24.965	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	17013	21.485	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	215515	26.799	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	174386	26.368	ug/L	96
69) Naphthalene	15.36	128	297909	22.538	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	151455	26.775	ug/L	97

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

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