

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072020\
 Data File : VW015870.D
 Acq On : 20 Jul 2020 11:46
 Operator : SY/VA
 Sample : VSTD00501
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00501

Quant Time: Jul 20 12:48:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 12:42:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	409581	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	373524	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	172333	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	32969	4.83	ug/L	0.00
7) Chloroethane-d5	2.89	69	25207	3.77	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	61611	6.10	ug/L	0.00
20) 2-Butanone-d5	7.09	46	15924	13.62	ug/L	0.00
24) Chloroform-d	7.65	84	60519	5.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	34197	5.67	ug/L	0.00
29) Benzene-d6	8.28	84	117661	5.59	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	35386	5.85	ug/L	0.00
37) Toluene-d8	10.33	98	106709	5.36	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	14669	5.64	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	11117	12.47	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	27419	5.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	34307	5.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	18231	6.165	ug/L 92
3) Chloromethane	2.21	50	20906	4.727	ug/L 100
5) Vinyl chloride	2.37	62	36706	4.871	ug/L 99
6) Bromomethane	2.78	94	21335	3.328	ug/L 97
8) Chloroethane	2.93	64	20240	3.839	ug/L 94
9) Trichlorofluoromethane	3.26	101	22809	3.268	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	28071	5.854	ug/L 97
12) 1,1-Dichloroethene	4.04	96	27701	6.097	ug/L 98
13) Acetone	4.13	43	13990	15.210	ug/L 98
14) Carbon disulfide	4.38	76	86847	5.880	ug/L 100
15) Methyl Acetate	4.68	43	12949	7.015	ug/L 99
16) Methylene chloride	4.92	84	38588	6.851	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	39182	5.772	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	28772	5.366	ug/L 98
19) 1,1-Dichloroethane	6.22	63	54335	5.758	ug/L 97
21) 2-Butanone	7.18	43	17007	13.921	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	29685	5.260	ug/L 99
23) Bromochloromethane	7.52	128	13383	5.328	ug/L 92
25) Chloroform	7.68	83	53848	5.356	ug/L 100
27) 1,2-Dichloroethane	8.40	62	37804	5.731	ug/L 100
30) Cyclohexane	7.96	56	47455	5.921	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	45696	5.442	ug/L 100
32) Carbon tetrachloride	8.07	117	41140	5.280	ug/L 97
34) Benzene	8.33	78	119434	5.621	ug/L 100
35) Trichloroethene	9.10	95	30985	5.410	ug/L 99
36) Methylcyclohexane	9.34	83	52320	5.343	ug/L 99
40) 1,2-Dichloropropane	9.37	63	29619	5.825	ug/L 99
41) Bromodichloromethane	9.65	83	37050	5.406	ug/L 93
42) cis-1,3-Dichloropropene	10.08	75	42375	5.560	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	33770	13.505	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	122819	5.230	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	36442	5.388	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	21183	5.464	ug/L	98
47) Tetrachloroethene	10.87	164	25008	5.452	ug/L	98
49) 2-Hexanone	10.97	43	24285	13.652	ug/L	97
50) Dibromochloromethane	11.13	129	23400	5.101	ug/L	100
51) 1,2-Dibromoethane	11.24	107	20588	5.629	ug/L	98
52) Chlorobenzene	11.66	112	79606	5.184	ug/L	99
53) Ethylbenzene	11.73	91	136444	5.150	ug/L	97
54) m,p-Xylene	11.84	106	49859	4.933	ug/L	97
55) o-xylene	12.17	106	46460	4.862	ug/L	98
56) Styrene	12.18	104	79174	4.901	ug/L	97
57) Isopropylbenzene	12.47	105	127485	4.849	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	25103	5.666	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	19229	5.902	ug/L	98
62) Bromoform	12.35	173	12638	5.313	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	56555	5.201	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	58325	5.290	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	51939	5.212	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	3762	5.883	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	39461	5.365	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	28660	4.969	ug/L	98
69) Naphthalene	15.37	128	52283	5.062	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	26038	5.028	ug/L	96

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

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