

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015175.D
 Acq On : 10 Apr 2020 11:49
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Apr 10 12:29:17 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	1314890	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1167387	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	530753	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	305843	14.34	ug/L	0.00
7) Chloroethane-d5	2.89	69	229786	13.23	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	800162	18.17	ug/L	0.00
20) 2-Butanone-d5	7.08	46	216733	42.09	ug/L	0.00
24) Chloroform-d	7.65	84	765463	19.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	385380	17.45	ug/L	0.00
29) Benzene-d6	8.27	84	1607301	21.41	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	490122	19.89	ug/L	0.00
37) Toluene-d8	10.32	98	1504535	23.22	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	229465	23.55	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	187451	49.44	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	376705	21.97	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	476013	24.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	207554	20.904	ug/L 100
3) Chloromethane	2.21	50	258231	14.652	ug/L 100
5) Vinyl chloride	2.37	62	387471	15.947	ug/L 100
6) Bromomethane	2.78	94	196603	14.741	ug/L 100
8) Chloroethane	2.93	64	192580	13.386	ug/L 100
9) Trichlorofluoromethane	3.26	101	305213	21.399	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	436898	21.893	ug/L 100
12) 1,1-Dichloroethene	4.04	96	437947	22.923	ug/L 100
13) Acetone	4.12	43	131078	30.852	ug/L 100
14) Carbon disulfide	4.39	76	1460145	21.023	ug/L 100
15) Methyl Acetate	4.67	43	177548	17.474	ug/L 100
16) Methylene chloride	4.92	84	433241	20.021	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	598777	24.043	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	448702	22.659	ug/L 100
19) 1,1-Dichloroethane	6.22	63	760831	18.636	ug/L 100
21) 2-Butanone	7.17	43	236581	38.405	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	466823	23.566	ug/L 100
23) Bromochloromethane	7.51	128	194836	23.855	ug/L 100
25) Chloroform	7.68	83	749688	20.046	ug/L 100
27) 1,2-Dichloroethane	8.40	62	463385	17.705	ug/L 100
30) Cyclohexane	7.95	56	768963	21.218	ug/L 100
31) 1,1,1-Trichloroethane	7.87	97	636188	21.433	ug/L 100
32) Carbon tetrachloride	8.07	117	582837	22.444	ug/L 100
34) Benzene	8.32	78	1784661	21.488	ug/L 100
35) Trichloroethene	9.09	95	461603	22.500	ug/L 100
36) Methylcyclohexane	9.34	83	825934	23.339	ug/L 100
40) 1,2-Dichloropropane	9.37	63	439164	19.464	ug/L 100
41) Bromodichloromethane	9.64	83	553898	21.187	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	700601	22.937	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	535394	41.891	ug/L 100

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44) Toluene	10.38	91	1887075	22.808	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	610152	22.921	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	311781	22.804	ug/L	100
47) Tetrachloroethene	10.86	164	333366	24.589	ug/L	100
49) 2-Hexanone	10.96	43	362164	42.819	ug/L	100
50) Dibromochloromethane	11.13	129	366450	25.426	ug/L	100
51) 1,2-Dibromoethane	11.23	107	297615	24.250	ug/L	100
52) Chlorobenzene	11.65	112	1165114	23.599	ug/L	100
53) Ethylbenzene	11.73	91	2113233	23.506	ug/L	100
54) m,p-Xylene	11.84	106	812454	25.388	ug/L	100
55) o-xylene	12.16	106	781606	25.931	ug/L	100
56) Styrene	12.18	104	1320307	25.886	ug/L	100
57) Isopropylbenzene	12.46	105	2092368	25.316	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	369895	21.894	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	275809	21.822	ug/L	100
62) Bromoform	12.35	173	209655	26.687	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	854380	24.570	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	828647	23.533	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	768065	24.409	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.48	75	64236	21.782	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	608558	26.564	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	509392	29.061	ug/L	100
69) Naphthalene	15.36	128	1059408	30.978	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	446643	27.838	ug/L	100

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

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