

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017076.D
 Acq On : 04 Nov 2020 14:54
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Nov 04 15:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 15:48:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	505624	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	462385	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	232144	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	183598	29.34	ug/L	0.00
7) Chloroethane-d5	2.89	69	139706	29.02	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	315360	26.82	ug/L	0.00
20) 2-Butanone-d5	7.08	46	76258	62.57	ug/L	0.00
24) Chloroform-d	7.65	84	324692	26.71	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	161466	27.71	ug/L	0.00
29) Benzene-d6	8.27	84	665377	26.78	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	182492	27.09	ug/L	0.00
37) Toluene-d8	10.33	98	622464	26.69	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	82464	28.49	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	64003	64.22	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	155657	29.41	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	228603	26.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	134200	23.848	ug/L 100
3) Chloromethane	2.21	50	112938	22.952	ug/L 100
5) Vinyl chloride	2.37	62	176466	24.468	ug/L 100
6) Bromomethane	2.78	94	119013	24.223	ug/L 100
8) Chloroethane	2.93	64	105801	25.319	ug/L 100
9) Trichlorofluoromethane	3.26	101	145675	25.316	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	171348	24.797	ug/L 100
12) 1,1-Dichloroethene	4.04	96	164724	24.975	ug/L 100
13) Acetone	4.13	43	49528	61.507	ug/L 100
14) Carbon disulfide	4.39	76	440174	22.489	ug/L 100
15) Methyl Acetate	4.67	43	62897	30.267	ug/L 100
16) Methylene chloride	4.92	84	165793	24.540	ug/L 100
17) Methyl tert-butyl Ether	5.43	73	204322	27.503	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	169735	24.700	ug/L 100
19) 1,1-Dichloroethane	6.22	63	272010	25.582	ug/L 100
21) 2-Butanone	7.17	43	79495	59.791	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	180636	25.690	ug/L 100
23) Bromochloromethane	7.52	128	88065	26.734	ug/L 100
25) Chloroform	7.68	83	297554	26.123	ug/L 100
27) 1,2-Dichloroethane	8.40	62	177574	26.915	ug/L 100
30) Cyclohexane	7.96	56	233243	24.492	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	253401	25.362	ug/L 100
32) Carbon tetrachloride	8.07	117	242841	25.248	ug/L 100
34) Benzene	8.32	78	640023	25.016	ug/L 100
35) Trichloroethene	9.09	95	174866	24.776	ug/L 100
36) Methylcyclohexane	9.34	83	289715	24.690	ug/L 100
40) 1,2-Dichloropropane	9.37	63	150568	26.088	ug/L 100
41) Bromodichloromethane	9.65	83	210851	26.762	ug/L 100
42) cis-1,3-Dichloropropene	10.07	75	241980	26.740	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	175720	60.638	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	710799	25.629	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	211354	27.862	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	128001	27.191	ug/L	100
47) Tetrachloroethene	10.87	164	156525	24.208	ug/L	100
49) 2-Hexanone	10.97	43	113559	61.559	ug/L	100
50) Dibromochloromethane	11.13	129	157858	27.577	ug/L	100
51) 1,2-Dibromoethane	11.24	107	126277	27.870	ug/L	100
52) Chlorobenzene	11.66	112	474761	25.495	ug/L	100
53) Ethylbenzene	11.73	91	792313	25.516	ug/L	100
54) m,p-Xylene	11.84	106	312597	25.610	ug/L	100
55) o-xylene	12.17	106	300754	26.267	ug/L	100
56) Styrene	12.18	104	510918	26.714	ug/L	100
57) Isopropylbenzene	12.46	105	819002	26.114	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	151973	29.352	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	108356	29.219	ug/L	100
62) Bromoform	12.35	173	96674	28.417	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	388301	25.740	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	387859	25.731	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	362381	26.888	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	23232	30.137	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	290113	26.208	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	238877	27.627	ug/L	100
69) Naphthalene	15.36	128	457756	31.240	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	216208	28.292	ug/L	100

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

