

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091520\
 Data File : VW016558.D
 Acq On : 15 Sep 2020 14:41
 Operator : SY/VA
 Sample : VSTD02506
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02506

Quant Time: Sep 15 15:16:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:13:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	633459	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	571189	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	287563	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	146446	22.37	ug/L	0.00
7) Chloroethane-d5	2.90	69	116049	20.34	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.04	63	324702	21.78	ug/L	0.00
20) 2-Butanone-d5	7.09	46	72602	33.00	ug/L	0.00
24) Chloroform-d	7.66	84	304321	21.62	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	151605	19.89	ug/L	0.00
29) Benzene-d6	8.28	84	577782	21.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	157230	19.79	ug/L	0.00
37) Toluene-d8	10.33	98	561501	21.39	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	79471	19.84	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	57082	36.05	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132694	19.80	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	206761	21.68	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.03	85	194231	26.935	ug/L 100
3) Chloromethane	2.23	50	137646	22.686	ug/L 100
5) Vinyl chloride	2.38	62	208371	26.206	ug/L 100
6) Bromomethane	2.79	94	154194	25.904	ug/L 100
8) Chloroethane	2.95	64	122955	25.416	ug/L 100
9) Trichlorofluoromethane	3.28	101	216191	31.404	ug/L 100
11) 1,1,2-Trichloro-1,2,2-trif	4.09	101	203739	26.397	ug/L 100
12) 1,1-Dichloroethene	4.06	96	194476	25.066	ug/L 100
13) Acetone	4.13	43	61935	40.803	ug/L 99
14) Carbon disulfide	4.40	76	589391	24.906	ug/L 100
15) Methyl Acetate	4.68	43	72623	20.280	ug/L 100
16) Methylene chloride	4.93	84	197673	20.150	ug/L 100
17) Methyl tert-butyl Ether	5.44	73	272409	23.766	ug/L 100
18) trans-1,2-Dichloroethene	5.44	96	200852	24.447	ug/L 100
19) 1,1-Dichloroethane	6.23	63	317610	23.032	ug/L 100
21) 2-Butanone	7.18	43	99104	39.838	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	209874	24.603	ug/L 100
23) Bromochloromethane	7.52	128	100385	25.112	ug/L 100
25) Chloroform	7.69	83	344806	23.938	ug/L 100
27) 1,2-Dichloroethane	8.41	62	222562	23.395	ug/L 100
30) Cyclohexane	7.96	56	299880	22.649	ug/L 100
31) 1,1,1-Trichloroethane	7.88	97	324135	26.076	ug/L 100
32) Carbon tetrachloride	8.08	117	309043	26.086	ug/L 100
34) Benzene	8.34	78	731555	23.919	ug/L 100
35) Trichloroethene	9.10	95	211734	24.747	ug/L 100
36) Methylcyclohexane	9.34	83	361342	24.243	ug/L 100
40) 1,2-Dichloropropane	9.37	63	168430	22.543	ug/L 100
41) Bromodichloromethane	9.65	83	248745	23.542	ug/L 100
42) cis-1,3-Dichloropropene	10.08	75	291110	22.838	ug/L 100
43) 4-Methyl-2-pentanone	10.21	43	209411	40.433	ug/L 100

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44) Toluene	10.39	91	822760	24.044	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	256623	22.680	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	142528	23.770	ug/L	100
47) Tetrachloroethene	10.87	164	193472	27.403	ug/L	100
49) 2-Hexanone	10.97	43	139701	38.891	ug/L	100
50) Dibromochloromethane	11.13	129	189631	24.789	ug/L	100
51) 1,2-Dibromoethane	11.24	107	142784	23.832	ug/L	100
52) Chlorobenzene	11.66	112	551508	25.084	ug/L	100
53) Ethylbenzene	11.73	91	935808	24.208	ug/L	100
54) m,p-Xylene	11.84	106	367159	24.682	ug/L	100
55) o-xylene	12.17	106	352504	24.870	ug/L	100
56) Styrene	12.18	104	588604	24.308	ug/L	100
57) Isopropylbenzene	12.47	105	965940	24.802	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	161817	22.811	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	120323	22.702	ug/L	100
62) Bromoform	12.35	173	118656	24.770	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	452687	25.002	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	448226	25.076	ug/L	100
65) 1,2-Dichlorobenzene	13.87	146	407288	25.377	ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.49	75	29284	20.307	ug/L	100
67) 1,3,5-Trichlorobenzene	14.63	180	350685	27.620	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	289292	26.352	ug/L	100
69) Naphthalene	15.37	128	521830	23.462	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	249648	26.511	ug/L	100

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

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