

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012720\
 Data File : VW014759.D
 Acq On : 27 Jan 2020 09:58
 Operator : SY/VA
 Sample : VSTD2.503
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.503

Manual Integrations
 APPROVED

MMDadoda
 1/28/2020 1:57:34 PM

Quant Time: Jan 27 12:24:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM012720S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 27 12:18:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	962527	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	752963	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	353899	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38755	2.86	ug/L	0.00
7) Chloroethane-d5	2.89	69	27294	2.73	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	68439	2.76	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9804m	3.04	ug/L	0.02
24) Chloroform-d	7.65	84	45728	2.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	25398	2.21	ug/L	0.00
29) Benzene-d6	8.27	84	93399	2.33	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	27845	2.31	ug/L	0.00
37) Toluene-d8	10.32	98	70581	1.94	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.57	79	8900	1.79	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	6593	3.20	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	16633	1.84	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	22362	1.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	27464	3.190 ug/L	89
3) Chloromethane	2.21	50	38877	3.994 ug/L	92
5) Vinyl chloride	2.36	62	53138	3.836 ug/L	96
6) Bromomethane	2.78	94	27121	3.353 ug/L	97
8) Chloroethane	2.92	64	28159	3.636 ug/L	99
9) Trichlorofluoromethane	3.25	101	22208	3.031 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	38715	3.078 ug/L #	48
12) 1,1-Dichloroethene	4.04	96	36022	2.925 ug/L	85
13) Acetone	4.12	43	27450	6.140 ug/L	97
14) Carbon disulfide	4.39	76	111426	2.930 ug/L	99
15) Methyl Acetate	4.67	43	15426	2.557 ug/L #	74
16) Methylene chloride	4.92	84	39210	2.498 ug/L	90
17) Methyl tert-butyl Ether	5.42	73	35547m	2.242 ug/L	
18) trans-1,2-Dichloroethene	5.42	96	29790	2.296 ug/L	96
19) 1,1-Dichloroethane	6.21	63	55022	2.346 ug/L	98
21) 2-Butanone	7.17	43	19307m	4.025 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	30359	2.223 ug/L	97
23) Bromochloromethane	7.51	128	15129	2.559 ug/L	93
25) Chloroform	7.67	83	62115	2.769 ug/L	97
27) 1,2-Dichloroethane	8.40	62	43822	3.009 ug/L	99
30) Cyclohexane	7.95	56	55464	2.880 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	51009	3.302 ug/L	99
32) Carbon tetrachloride	8.07	117	48113	3.343 ug/L	100
34) Benzene	8.32	78	145529	3.212 ug/L	100
35) Trichloroethene	9.09	95	40045	3.424 ug/L	98
36) Methylcyclohexane	9.34	83	55059	2.684 ug/L	95
40) 1,2-Dichloropropane	9.37	63	35086	3.059 ug/L	100
41) Bromodichloromethane	9.64	83	42595	3.088 ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	43357	2.531 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	32464	4.409 ug/L	99

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44) Toluene	10.38	91	121768	2.572	ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	33461	2.443	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	22266	2.741	ug/L	93
47) Tetrachloroethene	10.86	164	26587	2.708	ug/L	96
49) 2-Hexanone	10.97	43	19679	3.914	ug/L	99
50) Dibromochloromethane	11.13	129	24780	2.686	ug/L	98
51) 1,2-Dibromoethane	11.23	107	19784	2.580	ug/L #	94
52) Chlorobenzene	11.65	112	82225	2.747	ug/L	98
53) Ethylbenzene	11.73	91	133207	2.559	ug/L	100
54) m,p-Xylene	11.84	106	48366	2.455	ug/L	95
55) o-xylene	12.16	106	44256	2.378	ug/L	93
56) Styrene	12.18	104	73544	2.348	ug/L	93
57) Isopropylbenzene	12.46	105	120613	2.437	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	25405	2.576	ug/L #	93
59) 1,2,3-Trichloropropane	12.77	75	19796	2.679	ug/L	91
62) Bromoform	12.35	173	14711	2.782	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	58871	2.628	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	61959	2.742	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	53547	2.666	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.48	75	4330	2.911	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	40977	2.469	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	28038	2.254	ug/L	97
69) Naphthalene	15.36	128	45041	2.097	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	26281	2.331	ug/L	96

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

