

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015174.D
 Acq On : 10 Apr 2020 11:23
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00505

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 4:02:41 PM

Quant Time: Apr 10 12:42:58 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	1285166	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1100099	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	488938	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	68193	3.27	ug/L	0.00
7) Chloroethane-d5	2.89	69	43532m	2.56	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	170591	3.96	ug/L	0.00
20) 2-Butanone-d5	7.08	46	40533	8.05	ug/L	0.00
24) Chloroform-d	7.65	84	159319m	4.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	76631	3.55	ug/L	0.00
29) Benzene-d6	8.27	84	321686	4.55	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	99484	4.28	ug/L	0.00
37) Toluene-d8	10.32	98	301905	4.94	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	44164	4.81	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	34364	9.62	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	67753	4.19	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	91068	5.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	37627	3.877 ug/L	91
3) Chloromethane	2.21	50	59308	3.443 ug/L	99
5) Vinyl chloride	2.36	62	80127	3.374 ug/L	97
6) Bromomethane	2.78	94	40419	3.101 ug/L	97
8) Chloroethane	2.93	64	37527	2.669 ug/L	98
9) Trichlorofluoromethane	3.26	101	55946	4.013 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	90420	4.636 ug/L #	70
12) 1,1-Dichloroethene	4.04	96	85406	4.574 ug/L	91
13) Acetone	4.12	43	25186m	6.065 ug/L	
14) Carbon disulfide	4.39	76	292653	4.311 ug/L	100
15) Methyl Acetate	4.68	43	29372	2.958 ug/L	96
16) Methylene chloride	4.92	84	94424	4.464 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	113537	4.664 ug/L #	82
18) trans-1,2-Dichloroethene	5.43	96	88327	4.564 ug/L	96
19) 1,1-Dichloroethane	6.21	63	151222	3.790 ug/L	98
21) 2-Butanone	7.18	43	40353m	6.702 ug/L	
22) cis-1,2-Dichloroethene	7.17	96	90551	4.677 ug/L	98
23) Bromochloromethane	7.51	128	36687	4.596 ug/L	97
25) Chloroform	7.68	83	148127	4.052 ug/L	100
27) 1,2-Dichloroethane	8.40	62	88201	3.448 ug/L	96
30) Cyclohexane	7.96	56	154975	4.538 ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	128367	4.589 ug/L	100
32) Carbon tetrachloride	8.07	117	116030	4.741 ug/L	98
34) Benzene	8.32	78	348569	4.454 ug/L	100
35) Trichloroethene	9.09	95	92599	4.790 ug/L	98
36) Methylcyclohexane	9.34	83	169836	5.093 ug/L	99
40) 1,2-Dichloropropane	9.37	63	83726	3.938 ug/L #	97
41) Bromodichloromethane	9.65	83	108787	4.416 ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	133684	4.644 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	94417	7.839 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041020\
 Data File : VW015174.D
 Acq On : 10 Apr 2020 11:23
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00505

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 4:02:41 PM

Quant Time: Apr 10 12:42:58 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)
44) Toluene	10.38	91	362652	4.651	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	113363	4.519	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	58264	4.522	ug/L	92
47) Tetrachloroethene	10.86	164	66168	5.179	ug/L	97
49) 2-Hexanone	10.97	43	60153	7.547	ug/L	96
50) Dibromochloromethane	11.13	129	68571	5.049	ug/L	97
51) 1,2-Dibromoethane	11.23	107	54538	4.716	ug/L	100
52) Chlorobenzene	11.66	112	223666	4.807	ug/L	99
53) Ethylbenzene	11.73	91	409500	4.834	ug/L	100
54) m,p-Xylene	11.84	106	157913	5.236	ug/L	97
55) o-xylene	12.16	106	150082	5.284	ug/L	94
56) Styrene	12.18	104	248732	5.175	ug/L	97
57) Isopropylbenzene	12.46	105	405730	5.209	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	65328	4.103	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	49248	4.135	ug/L	96
62) Bromoform	12.35	173	36849	5.092	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	160670	5.016	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	157596	4.858	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	143822	4.961	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	11245	4.139	ug/L	91
67) 1,3,5-Trichlorobenzene	14.63	180	112818	5.346	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	84450	5.230	ug/L	97
69) Naphthalene	15.36	128	155419	4.933	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	71487	4.837	ug/L	97

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

