

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110420\
 Data File : VW017075.D
 Acq On : 04 Nov 2020 14:30
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00505

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:37:09 AM

Quant Time: Nov 04 16:05:35 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	523228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	487933	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	241649	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28016	4.33	ug/L	0.00
7) Chloroethane-d5	2.89	69	22548	4.53	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.03	63	53991	4.44	ug/L	0.00
20) 2-Butanone-d5	7.09	46	12664	10.04	ug/L	0.00
24) Chloroform-d	7.65	84	55793	4.43	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	27823	4.61	ug/L	0.00
29) Benzene-d6	8.28	84	110159	4.20	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	30580	4.30	ug/L	0.00
37) Toluene-d8	10.32	98	103923	4.22	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	12553	4.11	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	9266	8.81	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26129	4.68	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	39340	4.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	26880m	4.616	ug/L
3) Chloromethane	2.21	50	24295	4.771	ug/L 99
5) Vinyl chloride	2.37	62	36474	4.887	ug/L 98
6) Bromomethane	2.78	94	25298	4.976	ug/L 96
8) Chloroethane	2.93	64	21715	5.022	ug/L 90
9) Trichlorofluoromethane	3.26	101	27916	4.688	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	34886	4.879	ug/L # 90
12) 1,1-Dichloroethene	4.05	96	33186	4.862	ug/L 86
13) Acetone	4.13	43	8792	10.551	ug/L 97
14) Carbon disulfide	4.39	76	91731	4.529	ug/L 98
15) Methyl Acetate	4.67	43	11286	5.248	ug/L 98
16) Methylene chloride	4.92	84	37875	5.418	ug/L 92
17) Methyl tert-butyl Ether	5.43	73	38436	5.000	ug/L # 91
18) trans-1,2-Dichloroethene	5.43	96	34152	4.803	ug/L 95
19) 1,1-Dichloroethane	6.22	63	52847	4.803	ug/L 94
21) 2-Butanone	7.17	43	14533	10.563	ug/L 94
22) cis-1,2-Dichloroethene	7.17	96	34478	4.739	ug/L 96
23) Bromochloromethane	7.52	128	16659	4.887	ug/L 98
25) Chloroform	7.68	83	58335	4.949	ug/L 100
27) 1,2-Dichloroethane	8.40	62	34736	5.088	ug/L 96
30) Cyclohexane	7.96	56	44707	4.449	ug/L 99
31) 1,1,1-Trichloroethane	7.87	97	47527	4.508	ug/L 96
32) Carbon tetrachloride	8.07	117	46858	4.617	ug/L 100
34) Benzene	8.33	78	129221	4.786	ug/L 100
35) Trichloroethene	9.10	95	35953	4.827	ug/L 99
36) Methylcyclohexane	9.34	83	57180	4.618	ug/L 99
40) 1,2-Dichloropropane	9.37	63	29486	4.841	ug/L 97
41) Bromodichloromethane	9.65	83	39609	4.764	ug/L 99
42) cis-1,3-Dichloropropene	10.07	75	43014	4.504	ug/L 98
43) 4-Methyl-2-pentanone	10.21	43	34803	11.381	ug/L 98

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44) Toluene	10.39	91	139433	4.764	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	36328	4.538	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	25507	5.135	ug/L	96
47) Tetrachloroethene	10.87	164	33571	4.920	ug/L	94
49) 2-Hexanone	10.97	43	19469	10.001	ug/L	94
50) Dibromochloromethane	11.13	129	29153	4.826	ug/L	99
51) 1,2-Dibromoethane	11.24	107	23400	4.894	ug/L #	97
52) Chlorobenzene	11.66	112	95060	4.837	ug/L	99
53) Ethylbenzene	11.73	91	152320	4.649	ug/L	100
54) m,p-Xylene	11.84	106	59431	4.614	ug/L	97
55) o-xylene	12.16	106	55008	4.553	ug/L	92
56) Styrene	12.18	104	92119	4.564	ug/L	99
57) Isopropylbenzene	12.47	105	151507	4.578	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	27760	5.081	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	20278	5.182	ug/L	98
62) Bromoform	12.35	173	16633	4.697	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	75010	4.777	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	75188	4.792	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	65574	4.674	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.48	75	4150	5.172	ug/L #	77
67) 1,3,5-Trichlorobenzene	14.63	180	54476	4.728	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	41479	4.608	ug/L	97
69) Naphthalene	15.37	128	65841	4.317	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	37481	4.712	ug/L	99

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

