

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111020\
 Data File : VW017128.D
 Acq On : 10 Nov 2020 09:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Nov 11 05:34:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 10 07:51:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	461007	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	423592	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	218172	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	165266	28.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.84%
7) Chloroethane-d5	2.89	69	132793	29.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.72%
10) 1,1-Dichloroethene-d2	4.02	63	274073	26.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	105.56%
20) 2-Butanone-d5	7.08	46	63052	48.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.12%
24) Chloroform-d	7.65	84	311508	28.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	115.76%
26) 1,2-Dichloroethane-d4	8.31	65	150968	28.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.88%
29) Benzene-d6	8.27	84	602656	27.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.76%
33) 1,2-Dichloropropane-d6	9.27	67	167407	28.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.24%
37) Toluene-d8	10.32	98	563411	27.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.80%
38) trans-1,3-Dichloropropene-	10.58	79	71548	26.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.40%
39) 2-Hexanone-d5	10.93	63	51428	49.39	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	138957	26.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.96%
61) 1,2-Dichlorobenzene-d4	13.85	152	212570	27.65	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	109676	23.712	ug/L 100
3) Chloromethane	2.21	50	92853	22.119	ug/L 100
5) Vinyl chloride	2.37	62	154566	25.105	ug/L 99
6) Bromomethane	2.78	94	104556	24.556	ug/L 100
8) Chloroethane	2.93	64	93823	25.256	ug/L 98
9) Trichlorofluoromethane	3.26	101	126865	25.335	ug/L 96
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	149259	25.083	ug/L 100
12) 1,1-Dichloroethene	4.04	96	135865	23.745	ug/L 97
13) Acetone	4.13	43	35308	40.609	ug/L 98
14) Carbon disulfide	4.39	76	348799	22.400	ug/L 100
15) Methyl Acetate	4.67	43	41873	19.431	ug/L 95
16) Methylene chloride	4.92	84	130913	21.063	ug/L 98
17) Methyl tert-butyl Ether	5.42	73	150171	21.494	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	139095	23.484	ug/L 96
19) 1,1-Dichloroethane	6.21	63	228100	24.308	ug/L 100
21) 2-Butanone	7.17	43	54024	38.697	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	148089	23.648	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	68797	22.817	ug/L	96
25) Chloroform	7.67	83	253532	24.816	ug/L	99
27) 1,2-Dichloroethane	8.40	62	145253	23.725	ug/L	97
30) Cyclohexane	7.96	56	182641	22.900	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	220243	25.390	ug/L	99
32) Carbon tetrachloride	8.07	117	212826	25.426	ug/L	99
34) Benzene	8.32	78	532039	23.920	ug/L	100
35) Trichloroethene	9.09	95	147197	23.624	ug/L	99
36) Methylcyclohexane	9.34	83	236987	23.637	ug/L	99
40) 1,2-Dichloropropane	9.37	63	123174	23.690	ug/L	99
41) Bromodichloromethane	9.65	83	175674	24.429	ug/L	97
42) cis-1,3-Dichloropropene	10.07	75	196011	23.800	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	119956	37.394	ug/L	99
44) Toluene	10.39	91	600204	24.515	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	168865	23.876	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	100329	22.380	ug/L	99
47) Tetrachloroethene	10.87	164	130452	23.206	ug/L	95
49) 2-Hexanone	10.97	43	80215	41.477	ug/L	97
50) Dibromochloromethane	11.13	129	126076	23.084	ug/L	100
51) 1,2-Dibromoethane	11.24	107	95721	21.979	ug/L	100
52) Chlorobenzene	11.66	112	392864	23.725	ug/L	99
53) Ethylbenzene	11.73	91	674397	24.661	ug/L	100
54) m,p-Xylene	11.84	106	261199	24.417	ug/L	100
55) o-xylene	12.16	106	247396	24.365	ug/L	95
56) Styrene	12.18	104	430376	25.246	ug/L	99
57) Isopropylbenzene	12.46	105	699563	25.387	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	112551	21.733	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	79638	21.394	ug/L	99
62) Bromoform	12.35	173	73007	21.800	ug/L	97
63) 1,3-Dichlorobenzene	13.50	146	317915	23.425	ug/L	95
64) 1,4-Dichlorobenzene	13.58	146	320332	23.493	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	291429	23.812	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	16875	20.854	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	235938	23.592	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	192730	24.149	ug/L	98
69) Naphthalene	15.36	128	317630	21.626	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	165818	22.739	ug/L	98

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

