

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017200.D
 Acq On : 12 Nov 2020 21:14
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02525

Quant Time: Nov 13 04:22:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 13 04:11:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	417029	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	380311	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118280	22.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.08%
7) Chloroethane-d5	2.89	69	105151	25.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.92%
10) 1,1-Dichloroethene-d2	4.03	63	223945	23.84	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.36%
20) 2-Butanone-d5	7.08	46	62026	52.80	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.60%
24) Chloroform-d	7.65	84	283612	29.13	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	116.52%
26) 1,2-Dichloroethane-d4	8.31	65	142993	29.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	118.16%
29) Benzene-d6	8.27	84	513077	26.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.96%
33) 1,2-Dichloropropane-d6	9.27	67	144880	27.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.20%
37) Toluene-d8	10.33	98	501710	27.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.88%
38) trans-1,3-Dichloropropene-	10.58	79	66900	27.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	110.80%
39) 2-Hexanone-d5	10.93	63	54272	58.05	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	116.10%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132655	28.43	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.72%
61) 1,2-Dichlorobenzene-d4	13.85	152	206326	30.04	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.16%#

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	87671	20.953	ug/L	97
3) Chloromethane	2.21	50	69508	18.304	ug/L	99
5) Vinyl chloride	2.37	62	117520	21.100	ug/L	99
6) Bromomethane	2.78	94	92679	24.062	ug/L	97
8) Chloroethane	2.93	64	74725	22.236	ug/L	96
9) Trichlorofluoromethane	3.26	101	101791	22.471	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	123025	22.855	ug/L	100
12) 1,1-Dichloroethene	4.04	96	111555	21.553	ug/L	89
13) Acetone	4.12	43	31565	40.133	ug/L	96
14) Carbon disulfide	4.39	76	260201	18.472	ug/L	100
15) Methyl Acetate	4.68	43	38194	19.592	ug/L	98
16) Methylene chloride	4.92	84	119859	21.318	ug/L	99
17) Methyl tert-butyl Ether	5.43	73	151408	23.956	ug/L	97
18) trans-1,2-Dichloroethene	5.43	96	118932	22.198	ug/L	100
19) 1,1-Dichloroethane	6.22	63	193430	22.787	ug/L	99
21) 2-Butanone	7.17	43	50688	40.137	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	130749	23.080	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64549	23.666	ug/L	88
25) Chloroform	7.68	83	225255	24.374	ug/L	98
27) 1,2-Dichloroethane	8.40	62	137093	24.754	ug/L	96
30) Cyclohexane	7.96	56	147329	20.575	ug/L	95
31) 1,1,1-Trichloroethane	7.87	97	196668	25.252	ug/L	98
32) Carbon tetrachloride	8.07	117	187764	24.985	ug/L	100
34) Benzene	8.32	78	450870	22.577	ug/L	100
35) Trichloroethene	9.09	95	130205	23.275	ug/L	100
36) Methylcyclohexane	9.34	83	197132	21.900	ug/L	97
40) 1,2-Dichloropropane	9.37	63	106510	22.816	ug/L	98
41) Bromodichloromethane	9.65	83	162400	25.153	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	176061	23.811	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	116675	40.511	ug/L	98
44) Toluene	10.39	91	527297	23.988	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	154662	24.356	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	92604	23.008	ug/L	98
47) Tetrachloroethene	10.87	164	122090	24.190	ug/L	95
49) 2-Hexanone	10.97	43	79607	45.847	ug/L	96
50) Dibromochloromethane	11.13	129	121410	24.760	ug/L	99
51) 1,2-Dibromoethane	11.24	107	90158	23.058	ug/L	97
52) Chlorobenzene	11.66	112	356773	23.997	ug/L	99
53) Ethylbenzene	11.73	91	601369	24.493	ug/L	100
54) m,p-Xylene	11.84	106	235673	24.538	ug/L	100
55) o-xylene	12.16	106	230303	25.263	ug/L	98
56) Styrene	12.18	104	385009	25.155	ug/L	97
57) Isopropylbenzene	12.46	105	634480	25.645	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	103588	22.279	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	73595	22.020	ug/L	98
62) Bromoform	12.35	173	71932	24.033	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	304760	25.126	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	303974	24.945	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	275737	25.209	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	16598	22.951	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	229731	25.703	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	190895	26.764	ug/L	99
69) Naphthalene	15.36	128	327521	24.952	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	170192	26.115	ug/L	99

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

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