

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111320\
 Data File : VW017202.D
 Acq On : 13 Nov 2020 09:54
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Nov 16 11:52:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 16 09:47:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	400667	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	365926	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	185506	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	120821	23.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.76%
7) Chloroethane-d5	2.89	69	105946	27.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.96%
10) 1,1-Dichloroethene-d2	4.02	63	232854	25.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.20%
20) 2-Butanone-d5	7.08	46	55129	48.85	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.70%
24) Chloroform-d	7.65	84	267348	28.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.32%
26) 1,2-Dichloroethane-d4	8.31	65	132533	28.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	114.00%
29) Benzene-d6	8.27	84	494452	26.53	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.12%
33) 1,2-Dichloropropane-d6	9.27	67	137828	26.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.96%
37) Toluene-d8	10.32	98	467538	26.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	106.44%
38) trans-1,3-Dichloropropene-	10.58	79	61694	26.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.20%
39) 2-Hexanone-d5	10.93	63	46138	51.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.58%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	118706	26.44	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	188426	28.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.32%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	90879	22.607	ug/L 97
3) Chloromethane	2.21	50	75637	20.731	ug/L 100
5) Vinyl chloride	2.37	62	126108	23.567	ug/L 97
6) Bromomethane	2.79	94	92018	24.866	ug/L 99
8) Chloroethane	2.93	64	80128	24.818	ug/L 98
9) Trichlorofluoromethane	3.26	101	122707	28.195	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	132352	25.592	ug/L 99
12) 1,1-Dichloroethene	4.04	96	118658	23.861	ug/L 88
13) Acetone	4.13	43	32341	42.799	ug/L 95
14) Carbon disulfide	4.39	76	285059	21.064	ug/L 98
15) Methyl Acetate	4.67	43	35797	19.113	ug/L 96
16) Methylene chloride	4.92	84	114972	21.284	ug/L 99
17) Methyl tert-butyl Ether	5.42	73	143327	23.603	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	121094	23.524	ug/L 96
19) 1,1-Dichloroethane	6.22	63	197658	24.236	ug/L 99
21) 2-Butanone	7.18	43	45896	37.826	ug/L 97
22) cis-1,2-Dichloroethene	7.17	96	130058	23.896	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	59896	22.857	ug/L	95
25) Chloroform	7.68	83	225922	25.444	ug/L	99
27) 1,2-Dichloroethane	8.40	62	133320	25.056	ug/L #	94
30) Cyclohexane	7.96	56	157355	22.839	ug/L	96
31) 1,1,1-Trichloroethane	7.87	97	204515	27.292	ug/L	99
32) Carbon tetrachloride	8.07	117	196635	27.194	ug/L	99
34) Benzene	8.32	78	450710	23.457	ug/L	100
35) Trichloroethene	9.09	95	132450	24.608	ug/L	99
36) Methylcyclohexane	9.34	83	206838	23.881	ug/L	98
40) 1,2-Dichloropropane	9.37	63	103938	23.140	ug/L	98
41) Bromodichloromethane	9.65	83	158500	25.514	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	170758	24.002	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	108640	39.204	ug/L	97
44) Toluene	10.39	91	524835	24.815	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	149808	24.519	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	88681	22.900	ug/L	92
47) Tetrachloroethene	10.87	164	122029	25.128	ug/L	97
49) 2-Hexanone	10.97	43	72710	43.521	ug/L	95
50) Dibromochloromethane	11.13	129	116631	24.720	ug/L	98
51) 1,2-Dibromoethane	11.24	107	86638	23.028	ug/L	96
52) Chlorobenzene	11.66	112	354725	24.797	ug/L	99
53) Ethylbenzene	11.73	91	600693	25.427	ug/L	100
54) m,p-Xylene	11.84	106	236725	25.617	ug/L	99
55) o-xylene	12.17	106	224047	25.543	ug/L	99
56) Styrene	12.18	104	376405	25.559	ug/L	96
57) Isopropylbenzene	12.46	105	633663	26.619	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	96174	21.497	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	69773	21.698	ug/L	99
62) Bromoform	12.35	173	68235	23.962	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	291295	25.243	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	289114	24.937	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	264290	25.397	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	15568	22.627	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	225633	26.534	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	180119	26.543	ug/L	97
69) Naphthalene	15.37	128	302016	24.184	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	155010	25.000	ug/L	100

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

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