

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120320\
 Data File : VW017542.D
 Acq On : 03 Dec 2020 19:30
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02527

Quant Time: Dec 20 00:35:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Dec 20 00:31:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	402736	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	369639	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	200405	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	118832	22.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.72%
7) Chloroethane-d5	2.89	69	99722	22.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.24%
10) 1,1-Dichloroethene-d2	4.03	63	258122	21.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.52%
20) 2-Butanone-d5	7.08	46	62882	56.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.56%
24) Chloroform-d	7.65	84	284489	24.86	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.44%
26) 1,2-Dichloroethane-d4	8.31	65	143561	25.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.28%
29) Benzene-d6	8.27	84	533185	23.46	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.84%
33) 1,2-Dichloropropane-d6	9.27	67	155205	24.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.72%
37) Toluene-d8	10.32	98	492572	23.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.20%
38) trans-1,3-Dichloropropene-	10.58	79	67686	24.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.32%
39) 2-Hexanone-d5	10.93	63	44360	56.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	123487	27.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.16%
61) 1,2-Dichlorobenzene-d4	13.85	152	172296	23.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	77427	20.232	ug/L	94
3) Chloromethane	2.21	50	77652	19.709	ug/L	99
5) Vinyl chloride	2.37	62	117306	24.008	ug/L	98
6) Bromomethane	2.78	94	80699	22.936	ug/L	99
8) Chloroethane	2.93	64	74856	22.802	ug/L	98
9) Trichlorofluoromethane	3.26	101	96801	17.301	ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	128716	22.476	ug/L #	67
12) 1,1-Dichloroethene	4.05	96	122277	21.896	ug/L	87
13) Acetone	4.13	43	41690	38.779	ug/L	95
14) Carbon disulfide	4.39	76	340645	21.327	ug/L	99
15) Methyl Acetate	4.67	43	48087	25.697	ug/L	96
16) Methylene chloride	4.93	84	137414	22.726	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	142691	23.757	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	132121	23.016	ug/L	97
19) 1,1-Dichloroethane	6.22	63	231652	23.901	ug/L	99
21) 2-Butanone	7.17	43	60177	46.775	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	140788	23.506	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	63384	23.297	ug/L	99
25) Chloroform	7.68	83	249889	24.422	ug/L	99
27) 1,2-Dichloroethane	8.40	62	154247	25.031	ug/L	99
30) Cyclohexane	7.96	56	195922	22.221	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	208443	23.826	ug/L	99
32) Carbon tetrachloride	8.07	117	203180	23.918	ug/L	100
34) Benzene	8.32	78	529694	23.842	ug/L	100
35) Trichloroethene	9.09	95	141388	22.956	ug/L	98
36) Methylcyclohexane	9.34	83	223103	21.905	ug/L	99
40) 1,2-Dichloropropane	9.37	63	129204	24.760	ug/L	99
41) Bromodichloromethane	9.65	83	178830	24.803	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	201354	24.912	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	132282	55.062	ug/L	98
44) Toluene	10.39	91	577545	24.158	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	176684	25.509	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	96934	24.791	ug/L	99
47) Tetrachloroethene	10.87	164	130210	24.813	ug/L	94
49) 2-Hexanone	10.97	43	92171	54.326	ug/L #	86
50) Dibromochloromethane	11.13	129	120249	24.620	ug/L	95
51) 1,2-Dibromoethane	11.24	107	92523	24.691	ug/L #	100
52) Chlorobenzene	11.66	112	372901	23.820	ug/L	98
53) Ethylbenzene	11.73	91	650996	24.016	ug/L	100
54) m,p-Xylene	11.84	106	245282	23.717	ug/L	96
55) o-xylene	12.16	106	230460	23.926	ug/L	98
56) Styrene	12.18	104	408542	25.212	ug/L	100
57) Isopropylbenzene	12.46	105	643503	24.322	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	111830	26.573	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	80152	25.804	ug/L	98
62) Bromoform	12.35	173	68768	24.206	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	288576	22.332	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	297204	23.216	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	260527	23.148	ug/L	91
66) 1,2-Dibromo-3-chloropropan	14.48	75	17175	23.701	ug/L #	84
67) 1,3,5-Trichlorobenzene	14.63	180	205078	22.153	ug/L	98
68) 1,2,4-trichlorobenzene	15.13	180	175204	23.412	ug/L	99
69) Naphthalene	15.37	128	289032	25.013	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	151407	24.255	ug/L	98

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

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