

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030220\
 Data File : VW015085.D
 Acq On : 02 Mar 2020 11:26
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02512

Quant Time: Mar 03 02:13:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 02 12:04:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	711554	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	642423	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	276761	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	341171	19.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.68%
7) Chloroethane-d5	2.89	69	273430	21.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.24%
10) 1,1-Dichloroethene-d2	4.02	63	654383	23.63	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.52%
20) 2-Butanone-d5	7.07	46	164964	55.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.90%
24) Chloroform-d	7.65	84	580663	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	328224	25.09	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.36%
29) Benzene-d6	8.27	84	1147129	25.98	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	103.92%
33) 1,2-Dichloropropane-d6	9.27	67	381006	25.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.12%
37) Toluene-d8	10.32	98	994874	27.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.08%
38) trans-1,3-Dichloropropene-	10.57	79	142681	26.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.48%
39) 2-Hexanone-d5	10.92	63	116938	59.76	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.52%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	259077	27.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	255980	25.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	149015	24.543	ug/L	96
3) Chloromethane	2.21	50	277470	19.936	ug/L	99
5) Vinyl chloride	2.36	62	386456	21.460	ug/L	98
6) Bromomethane	2.78	94	185291	22.920	ug/L	97
8) Chloroethane	2.92	64	220035	22.456	ug/L	98
9) Trichlorofluoromethane	3.26	101	220097	27.120	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	282431	25.268	ug/L	99
12) 1,1-Dichloroethene	4.04	96	265874	24.984	ug/L	88
13) Acetone	4.12	43	187859	53.389	ug/L	96
14) Carbon disulfide	4.38	76	921512	23.140	ug/L	100
15) Methyl Acetate	4.67	43	152357	25.715	ug/L	98
16) Methylene chloride	4.92	84	302344	22.956	ug/L	90
17) Methyl tert-butyl Ether	5.42	73	344080	26.712	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	279855	25.454	ug/L	96
19) 1,1-Dichloroethane	6.21	63	615211	25.088	ug/L	97
21) 2-Butanone	7.17	43	229928	55.569	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	286199	25.579	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	110634	25.418	ug/L	89
25) Chloroform	7.67	83	548073	24.628	ug/L	99
27) 1,2-Dichloroethane	8.40	62	389303	25.568	ug/L	98
30) Cyclohexane	7.95	56	597632	27.824	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	429931	25.949	ug/L	99
32) Carbon tetrachloride	8.07	117	381170	25.674	ug/L	99
34) Benzene	8.32	78	1277412	26.731	ug/L	100
35) Trichloroethene	9.09	95	298106	25.788	ug/L	99
36) Methylcyclohexane	9.34	83	567884	28.608	ug/L	98
40) 1,2-Dichloropropane	9.37	63	345839	26.057	ug/L	100
41) Bromodichloromethane	9.64	83	383220	25.740	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	473793	27.395	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	417282	56.211	ug/L	99
44) Toluene	10.38	91	1277075	27.516	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	377441	27.001	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	195757	26.210	ug/L	99
47) Tetrachloroethene	10.86	164	191244	25.669	ug/L	98
49) 2-Hexanone	10.97	43	320387	59.530	ug/L	99
50) Dibromochloromethane	11.13	129	206151	25.936	ug/L	97
51) 1,2-Dibromoethane	11.23	107	176474	27.111	ug/L	97
52) Chlorobenzene	11.65	112	709027	25.973	ug/L	99
53) Ethylbenzene	11.73	91	1405281	27.717	ug/L	98
54) m,p-Xylene	11.83	106	494492	27.876	ug/L	98
55) o-xylene	12.16	106	458053	27.713	ug/L	98
56) Styrene	12.18	104	797984	28.188	ug/L	100
57) Isopropylbenzene	12.46	105	1287156	28.595	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	250382	26.569	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	187661	25.909	ug/L	99
62) Bromoform	12.35	173	101064	25.980	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	473721	26.237	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	476238	25.619	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	427887	26.168	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	35843	24.829	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	309821	25.589	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	221689	25.053	ug/L	99
69) Naphthalene	15.36	128	196874	25.062	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	201090	25.319	ug/L	99

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

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