

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041420\
 Data File : VW015194.D
 Acq On : 14 Apr 2020 16:44
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02526

Quant Time: Apr 15 01:41:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 15 01:38:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1048763	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	900859	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	404376	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	281340	29.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	118.00%
7) Chloroethane-d5	2.89	69	220726	27.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.80%
10) 1,1-Dichloroethene-d2	4.02	63	573025	23.74	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.96%
20) 2-Butanone-d5	7.07	46	128534	41.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.76%
24) Chloroform-d	7.65	84	563375	24.04	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	8.30	65	266814	23.17	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.68%
29) Benzene-d6	8.27	84	1186094	24.37	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.48%
33) 1,2-Dichloropropane-d6	9.27	67	352678	24.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.32%
37) Toluene-d8	10.32	98	1119238	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.04%
38) trans-1,3-Dichloropropene-	10.58	79	149182	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.40%
39) 2-Hexanone-d5	10.92	63	109442	41.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.78%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	236354	22.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	334315	23.54	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	219191	20.486	ug/L	97
3) Chloromethane	2.21	50	312351	24.297	ug/L	98
5) Vinyl chloride	2.37	62	379920	30.342	ug/L	99
6) Bromomethane	2.78	94	204034	28.982	ug/L	98
8) Chloroethane	2.93	64	193946	27.156	ug/L	99
9) Trichlorofluoromethane	3.26	101	269858	27.020	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	333380	23.436	ug/L	99
12) 1,1-Dichloroethene	4.04	96	330675	23.970	ug/L	96
13) Acetone	4.12	43	79596	35.764	ug/L	96
14) Carbon disulfide	4.38	76	1039114	23.992	ug/L	100
15) Methyl Acetate	4.67	43	111356	21.794	ug/L #	72
16) Methylene chloride	4.92	84	323219	22.159	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	424169	23.265	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	338562	23.931	ug/L	97
19) 1,1-Dichloroethane	6.21	63	579008	24.112	ug/L	98
21) 2-Butanone	7.16	43	145981	40.733	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	355533	24.059	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	146691	23.854	ug/L	95
25) Chloroform	7.67	83	561869	24.043	ug/L	99
27) 1,2-Dichloroethane	8.40	62	327528	23.452	ug/L	99
30) Cyclohexane	7.95	56	585881	24.009	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	496402	24.844	ug/L	100
32) Carbon tetrachloride	8.07	117	448512	24.512	ug/L	98
34) Benzene	8.32	78	1348473	24.398	ug/L	100
35) Trichloroethene	9.09	95	348366	24.351	ug/L	99
36) Methylcyclohexane	9.34	83	640767	24.273	ug/L	99
40) 1,2-Dichloropropane	9.37	63	325647	24.298	ug/L	100
41) Bromodichloromethane	9.65	83	407144	24.335	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	506231	24.014	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	331470	42.734	ug/L	99
44) Toluene	10.38	91	1445764	24.644	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	419687	23.534	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	217623	22.947	ug/L	98
47) Tetrachloroethene	10.86	164	266558	24.534	ug/L	99
49) 2-Hexanone	10.96	43	218658	42.705	ug/L	99
50) Dibromochloromethane	11.13	129	261483	23.436	ug/L	99
51) 1,2-Dibromoethane	11.23	107	207469	23.279	ug/L	96
52) Chlorobenzene	11.66	112	883474	24.404	ug/L	98
53) Ethylbenzene	11.73	91	1588730	24.154	ug/L	98
54) m,p-Xylene	11.84	106	628266	24.811	ug/L	94
55) o-xylene	12.16	106	586330	24.182	ug/L	97
56) Styrene	12.18	104	981015	24.215	ug/L	95
57) Isopropylbenzene	12.46	105	1584651	24.328	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	238856	21.956	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	172535	21.561	ug/L	100
62) Bromoform	12.35	173	138305	22.114	ug/L	100
63) 1,3-Dichlorobenzene	13.50	146	639054	24.067	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	623736	24.025	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	556888	23.645	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	37181	20.833	ug/L	94
67) 1,3,5-Trichlorobenzene	14.63	180	439309	24.237	ug/L	97
68) 1,2,4-trichlorobenzene	15.13	180	347432	23.308	ug/L	99
69) Naphthalene	15.36	128	637965	21.414	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	283973	22.274	ug/L	99

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

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