

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW120318\
 Data File : VW007168.D
 Acq On : 03 Dec 2018 19:20
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02591

Quant Time: Dec 04 03:18:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM113018S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 04 03:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	146265	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	141586	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	70788	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	25361	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.52%
7) Chloroethane-d5	2.89	69	19986	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.60%
10) 1,1-Dichloroethene-d2	4.03	63	70230	21.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.64%
20) 2-Butanone-d5	7.09	46	27244	54.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.14%
24) Chloroform-d	7.65	84	65680	21.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	8.30	65	40845	23.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.12%
29) Benzene-d6	8.28	84	147995	22.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.00%
33) 1,2-Dichloropropane-d6	9.28	67	42683	22.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.60%
37) Toluene-d8	10.33	98	155310	21.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.32%
38) trans-1,3-Dichloropropene-	10.58	79	21051	22.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.36%
39) 2-Hexanone-d5	10.93	63	25381	56.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	44557	25.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	60367	22.72	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	67175	25.129	ug/L	99
3) Chloromethane	2.22	50	43006	23.034	ug/L	99
5) Vinyl chloride	2.36	62	42632	25.507	ug/L	99
6) Bromomethane	2.78	94	25088	26.165	ug/L	96
8) Chloroethane	2.92	64	23301	25.871	ug/L	96
9) Trichlorofluoromethane	3.27	101	77435	24.728	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	45929	24.854	ug/L	98
12) 1,1-Dichloroethene	4.04	96	41104	25.245	ug/L	97
13) Acetone	4.13	43	20540	58.182	ug/L	97
14) Carbon disulfide	4.39	76	135601	23.532	ug/L	98
15) Methyl Acetate	4.68	43	24254	27.707	ug/L	100
16) Methylene chloride	4.93	84	52860	22.606	ug/L	96
17) Methyl tert-butyl Ether	5.43	73	112299	26.835	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	45357	25.194	ug/L	99
19) 1,1-Dichloroethane	6.22	63	75122	25.226	ug/L	99
21) 2-Butanone	7.18	43	31130	57.440	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	48789	25.344	ug/L	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	21290	25.417	ug/L	89
25) Chloroform	7.68	83	85928	26.596	ug/L	99
27) 1,2-Dichloroethane	8.40	62	54799	25.567	ug/L	100
30) Cyclohexane	7.96	56	77022	24.958	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	76960	26.250	ug/L	99
32) Carbon tetrachloride	8.07	117	68816	25.862	ug/L	99
34) Benzene	8.33	78	182371	24.857	ug/L	100
35) Trichloroethene	9.09	95	50177	25.225	ug/L	100
36) Methylcyclohexane	9.34	83	93399	25.287	ug/L	97
40) 1,2-Dichloropropane	9.37	63	44172	25.100	ug/L	100
41) Bromodichloromethane	9.65	83	57990	25.169	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	70288	25.147	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	70879	54.429	ug/L	99
44) Toluene	10.39	91	222641	25.325	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	61286	24.956	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	36269	26.170	ug/L	97
47) Tetrachloroethene	10.87	164	44335	25.514	ug/L	98
49) 2-Hexanone	10.97	43	52200	59.216	ug/L	99
50) Dibromochloromethane	11.13	129	42747	25.323	ug/L	100
51) 1,2-Dibromoethane	11.24	107	36686	26.123	ug/L #	99
52) Chlorobenzene	11.66	112	146421	25.263	ug/L	97
53) Ethylbenzene	11.74	91	260736	25.582	ug/L	100
54) m,p-Xylene	11.84	106	100396	25.245	ug/L	97
55) o-xylene	12.17	106	94917	25.737	ug/L	99
56) Styrene	12.18	104	160655	25.760	ug/L	98
57) Isopropylbenzene	12.47	105	263151	25.660	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	46931	26.648	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	37575	27.301	ug/L	98
62) Bromoform	12.35	173	25922	26.744	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	119540	25.662	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	117284	25.031	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	110959	26.031	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	9971	28.846	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	87139	24.908	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	74049	24.899	ug/L	99
69) Naphthalene	15.38	128	173904	27.463	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	65773	25.345	ug/L	98

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

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