

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005730.D
 Acq On : 01 Oct 2018 11:19
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02583

Quant Time: Oct 02 05:41:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 01 05:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	277322	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	257823	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	139935	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	75510	21.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.44%
7) Chloroethane-d5	2.90	69	62086	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	4.01	63	171712	22.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.00%
20) 2-Butanone-d5	7.09	46	58111	51.20	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.40%
24) Chloroform-d	7.65	84	172517	24.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.88%
26) 1,2-Dichloroethane-d4	8.31	65	104445	24.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.84%
29) Benzene-d6	8.27	84	319056	25.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.00%
33) 1,2-Dichloropropane-d6	9.28	67	92935	25.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.76%
37) Toluene-d8	10.33	98	304554	24.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.68%
38) trans-1,3-Dichloropropene-	10.59	79	47057	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.16%
39) 2-Hexanone-d5	10.93	63	45043	52.14	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.28%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	91949	25.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.64%
61) 1,2-Dichlorobenzene-d4	13.87	152	118129	23.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	80189	24.659	ug/L	97
3) Chloromethane	2.21	50	60221	19.880	ug/L	96
5) Vinyl chloride	2.37	62	100238	22.949	ug/L	98
6) Bromomethane	2.78	94	59219	22.534	ug/L	100
8) Chloroethane	2.93	64	57389	23.631	ug/L	94
9) Trichlorofluoromethane	3.26	101	83240	24.942	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	89769	23.811	ug/L	100
12) 1,1-Dichloroethene	4.03	96	83158	23.095	ug/L	97
13) Acetone	4.15	43	54860	46.417	ug/L	98
14) Carbon disulfide	4.37	76	251146	22.245	ug/L	98
15) Methyl Acetate	4.68	43	49800	23.743	ug/L	96
16) Methylene chloride	4.92	84	92269	20.179	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	135565	23.662	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	85442	23.073	ug/L	94
19) 1,1-Dichloroethane	6.21	63	161426	23.558	ug/L	99
21) 2-Butanone	7.18	43	65697	46.415	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	95190	23.648	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	43840	23.466	ug/L	96
25) Chloroform	7.68	83	175409	23.925	ug/L	100
27) 1,2-Dichloroethane	8.40	62	129217	23.938	ug/L	97
30) Cyclohexane	7.96	56	145482	24.896	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	159518	25.265	ug/L	99
32) Carbon tetrachloride	8.07	117	152969	24.880	ug/L	99
34) Benzene	8.33	78	364970	25.053	ug/L	100
35) Trichloroethene	9.09	95	95371	24.471	ug/L	100
36) Methylcyclohexane	9.34	83	170151	25.107	ug/L	99
40) 1,2-Dichloropropane	9.37	63	88329	24.880	ug/L	100
41) Bromodichloromethane	9.65	83	125148	25.072	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	144610	24.665	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	137230	47.366	ug/L	97
44) Toluene	10.39	91	397946	24.445	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	135547	24.829	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	72180	24.365	ug/L	97
47) Tetrachloroethene	10.87	164	82234	23.950	ug/L	94
49) 2-Hexanone	10.98	43	102520	50.411	ug/L	99
50) Dibromochloromethane	11.13	129	92760	24.966	ug/L	97
51) 1,2-Dibromoethane	11.24	107	69785	24.365	ug/L	98
52) Chlorobenzene	11.66	112	257451	24.039	ug/L	100
53) Ethylbenzene	11.74	91	461912	24.781	ug/L	100
54) m,p-Xylene	11.85	106	173621	24.724	ug/L	98
55) o-xylene	12.17	106	164884	24.911	ug/L	100
56) Styrene	12.19	104	291589	25.103	ug/L	99
57) Isopropylbenzene	12.47	105	473458	25.043	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	95619	25.302	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	75888	24.737	ug/L	98
62) Bromoform	12.35	173	60356	24.255	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	214876	24.174	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	220735	23.780	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	202542	23.681	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19092	23.477	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	170428	23.362	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	141974	23.691	ug/L	99
69) Naphthalene	15.38	128	296480	24.691	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	132732	23.633	ug/L	99

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

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