

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092818\
 Data File : VW005728.D
 Acq On : 28 Sep 2018 19:00
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02590

Quant Time: Sep 29 01:20:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 28 16:00:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	238228	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	232201	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	123031	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	73773	24.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.16%
7) Chloroethane-d5	2.90	69	59040	24.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.68%
10) 1,1-Dichloroethene-d2	4.02	63	161392	24.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.36%
20) 2-Butanone-d5	7.09	46	61381	62.96	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.92%
24) Chloroform-d	7.65	84	159986	26.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.56%
26) 1,2-Dichloroethane-d4	8.31	65	102889	27.76	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	111.04%
29) Benzene-d6	8.28	84	301129	26.20	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.80%
33) 1,2-Dichloropropane-d6	9.28	67	85205	25.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.56%
37) Toluene-d8	10.33	98	297916	26.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.00%
38) trans-1,3-Dichloropropene-	10.58	79	45773	26.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.92%
39) 2-Hexanone-d5	10.93	63	53541	68.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.64%#
48) 1,1,2,2-Tetrachloroethane-	12.70	84	99487	30.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.32%#
61) 1,2-Dichlorobenzene-d4	13.86	152	117783	27.06	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.24%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	60420	21.629	ug/L	95
3) Chloromethane	2.22	50	54632	20.995	ug/L	94
5) Vinyl chloride	2.37	62	85208	22.710	ug/L	96
6) Bromomethane	2.79	94	49511	21.932	ug/L	99
8) Chloroethane	2.93	64	46600	22.338	ug/L	97
9) Trichlorofluoromethane	3.26	101	62463	21.788	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	74062	22.868	ug/L	96
12) 1,1-Dichloroethene	4.04	96	69225	22.380	ug/L	81
13) Acetone	4.13	43	55255	54.423	ug/L	71
14) Carbon disulfide	4.38	76	210955	21.751	ug/L	99
15) Methyl Acetate	4.68	43	51377	28.514	ug/L	98
16) Methylene chloride	4.92	84	80026	20.373	ug/L	92
17) Methyl tert-butyl Ether	5.43	73	119668	24.315	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	72877	22.909	ug/L	98
19) 1,1-Dichloroethane	6.22	63	139057	23.624	ug/L	97
21) 2-Butanone	7.18	43	62049	51.031	ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	75639	21.874	ug/L	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	35802	22.309	ug/L	92
25) Chloroform	7.68	83	145489	23.101	ug/L	100
27) 1,2-Dichloroethane	8.40	62	111679	24.084	ug/L	98
30) Cyclohexane	7.96	56	110278	20.954	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	128372	22.576	ug/L	99
32) Carbon tetrachloride	8.07	117	125843	22.726	ug/L	99
34) Benzene	8.33	78	298339	22.739	ug/L	100
35) Trichloroethene	9.10	95	77730	22.145	ug/L	99
36) Methylcyclohexane	9.34	83	134649	22.061	ug/L	98
40) 1,2-Dichloropropane	9.37	63	72732	22.747	ug/L	98
41) Bromodichloromethane	9.65	83	103269	22.972	ug/L	99
42) cis-1,3-Dichloropropene	10.08	75	125091	23.690	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	142227	54.508	ug/L	99
44) Toluene	10.39	91	344451	23.493	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	118872	24.177	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	64683	24.243	ug/L	98
47) Tetrachloroethene	10.87	164	71178	23.017	ug/L	92
49) 2-Hexanone	10.98	43	108416	59.192	ug/L	99
50) Dibromochloromethane	11.13	129	80684	24.112	ug/L	98
51) 1,2-Dibromoethane	11.24	107	62505	24.231	ug/L	96
52) Chlorobenzene	11.66	112	223087	23.129	ug/L	99
53) Ethylbenzene	11.74	91	395111	23.536	ug/L	100
54) m,p-Xylene	11.85	106	150501	23.796	ug/L	100
55) o-xylene	12.17	106	141979	23.817	ug/L	100
56) Styrene	12.19	104	252831	24.168	ug/L	100
57) Isopropylbenzene	12.47	105	406536	23.876	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	91166	26.785	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	74328	26.902	ug/L	99
62) Bromoform	12.35	173	55367	25.307	ug/L	98
63) 1,3-Dichlorobenzene	13.51	146	172882	22.122	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	185698	22.754	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	181028	24.074	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	19403	27.138	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	150881	23.524	ug/L	98
68) 1,2,4-trichlorobenzene	15.15	180	126203	23.953	ug/L	99
69) Naphthalene	15.38	128	280929	26.610	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	123099	24.929	ug/L	98

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

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