

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082718\
 Data File : VW004963.D
 Acq On : 27 Aug 2018 09:47
 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: Aug 28 01:37:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 27 02:42:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	578606	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	586166	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	311188	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	204309	18.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.72%
7) Chloroethane-d5	2.89	69	157458	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.68%
10) 1,1-Dichloroethene-d2	4.03	63	271181	19.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.68%
20) 2-Butanone-d5	7.09	46	104587	46.99	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.98%
24) Chloroform-d	7.66	84	261449	20.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	8.31	65	145767	20.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.52%
29) Benzene-d6	8.28	84	662060	21.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.84%
33) 1,2-Dichloropropane-d6	9.28	67	185491	20.94	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.76%
37) Toluene-d8	10.33	98	709095	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.59	79	81150	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	108184	49.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.58%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	206328	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.87	152	277788	22.22	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.88%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	238981	21.96	ug/L	99
3) Chloromethane	2.22	50	266521	21.61	ug/L	96
5) Vinyl chloride	2.36	62	267114	21.38	ug/L	99
6) Bromomethane	2.78	94	154050	23.54	ug/L	99
8) Chloroethane	2.93	64	152167	21.80	ug/L	98
9) Trichlorofluoromethane	3.27	101	263566	20.85	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	169592	22.43	ug/L	97
12) 1,1-Dichloroethene	4.05	96	145735	21.63	ug/L	91
13) Acetone	4.15	43	68024	39.46	ug/L	98
14) Carbon disulfide	4.39	76	551367	19.75	ug/L	100
15) Methyl Acetate	4.69	43	89272	22.90	ug/L	95
16) Methylene chloride	4.93	84	219596	19.57	ug/L	95
17) Methyl tert-butyl Ether	5.43	73	346988	23.85	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	158830	22.64	ug/L	99
19) 1,1-Dichloroethane	6.23	63	272048	21.25	ug/L	96
21) 2-Butanone	7.18	43	113683	42.82	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	168893	22.31	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	83397	20.87	ug/L	93
25) Chloroform	7.68	83	279291	21.76	ug/L	100
27) 1,2-Dichloroethane	8.41	62	178497	21.22	ug/L	97
30) Cyclohexane	7.96	56	293840	23.55	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	261649	23.18	ug/L	98
32) Carbon tetrachloride	8.07	117	238831	23.65	ug/L	100
34) Benzene	8.33	78	755628	22.61	ug/L	100
35) Trichloroethene	9.10	95	183782	22.11	ug/L	98
36) Methylcyclohexane	9.34	83	345918	22.50	ug/L	99
40) 1,2-Dichloropropane	9.37	63	178416	21.70	ug/L	99
41) Bromodichloromethane	9.65	83	202588	22.36	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	254189	22.27	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	277896	45.79	ug/L	98
44) Toluene	10.40	91	927902	23.12	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	230821	22.30	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	143429	22.35	ug/L	98
47) Tetrachloroethene	10.87	164	189510	23.29	ug/L	96
49) 2-Hexanone	10.98	43	222543	47.45	ug/L	98
50) Dibromochloromethane	11.13	129	158252	22.21	ug/L	99
51) 1,2-Dibromoethane	11.24	107	138381	21.97	ug/L	97
52) Chlorobenzene	11.66	112	605309	22.70	ug/L	98
53) Ethylbenzene	11.74	91	1048723	23.22	ug/L	99
54) m,p-Xylene	11.85	106	419089	23.92	ug/L	97
55) o-xylene	12.18	106	392937	24.00	ug/L	97
56) Styrene	12.19	104	670419	23.83	ug/L	99
57) Isopropylbenzene	12.47	105	1050775	24.03	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	205213	22.44	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	159548	22.64	ug/L	99
62) Bromoform	12.35	173	109236	22.14	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	489945	22.85	ug/L	95
64) 1,4-Dichlorobenzene	13.59	146	508482	22.65	ug/L	98
65) 1,2-Dichlorobenzene	13.88	146	469368	22.85	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	37674	21.63	ug/L	96
67) 1,3,5-Trichlorobenzene	14.64	180	384350	22.40	ug/L	99
68) 1,2,4-trichlorobenzene	15.15	180	313459	22.63	ug/L	99
69) Naphthalene	15.38	128	679946	24.15	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	299550	22.96	ug/L	99

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

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