

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082418\
 Data File : VW004939.D
 Acq On : 24 Aug 2018 16:47
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02581

Quant Time: Aug 25 01:19:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 08:18:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	670659	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	686651	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	359979	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	264848	20.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.56%
7) Chloroethane-d5	2.89	69	206865	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.03	63	351759	21.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.92%
20) 2-Butanone-d5	7.09	46	106930	41.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.90%
24) Chloroform-d	7.65	84	351848	23.63	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.52%
26) 1,2-Dichloroethane-d4	8.31	65	191320	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.60%
29) Benzene-d6	8.28	84	906192	25.66	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.64%
33) 1,2-Dichloropropane-d6	9.28	67	256714	24.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.96%
37) Toluene-d8	10.33	98	940966	25.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.60%
38) trans-1,3-Dichloropropene-	10.59	79	107885	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.64%
39) 2-Hexanone-d5	10.93	63	114066	44.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.74%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	241876	23.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	363960	25.17	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.68%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	309064	24.499 ug/L	100
3) Chloromethane	2.22	50	351411	24.579 ug/L	98
5) Vinyl chloride	2.36	62	342889	23.679 ug/L	97
6) Bromomethane	2.78	94	201666	26.585 ug/L	99
8) Chloroethane	2.92	64	195433	24.150 ug/L	98
9) Trichlorofluoromethane	3.26	101	343739	23.458 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	214548	24.477 ug/L	98
12) 1,1-Dichloroethene	4.05	96	185079	23.704 ug/L	88
13) Acetone	4.14	43	79931	39.999 ug/L	98
14) Carbon disulfide	4.39	76	735652	22.739 ug/L	100
15) Methyl Acetate	4.68	43	95726	21.185 ug/L	97
16) Methylene chloride	4.92	84	289605	22.269 ug/L	96
17) Methyl tert-butyl Ether	5.44	73	425324	25.219 ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	202101	24.857 ug/L	98
19) 1,1-Dichloroethane	6.23	63	360719	24.305 ug/L	97
21) 2-Butanone	7.18	43	131624	42.775 ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	217113	24.746 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	110727	23.900	ug/L	97
25) Chloroform	7.68	83	370342	24.897	ug/L	99
27) 1,2-Dichloroethane	8.40	62	238698	24.482	ug/L	99
30) Cyclohexane	7.96	56	387389	26.503	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	337250	25.500	ug/L	99
32) Carbon tetrachloride	8.07	117	306880	25.942	ug/L	99
34) Benzene	8.33	78	1030717	26.326	ug/L	100
35) Trichloroethene	9.10	95	245254	25.192	ug/L	99
36) Methylcyclohexane	9.34	83	450806	25.035	ug/L	100
40) 1,2-Dichloropropane	9.37	63	247381	25.686	ug/L	100
41) Bromodichloromethane	9.65	83	276321	26.038	ug/L	98
42) cis-1,3-Dichloropropene	10.08	75	347337	25.981	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	318449	44.792	ug/L	99
44) Toluene	10.40	91	1231171	26.185	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	301503	24.866	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	183390	24.396	ug/L	99
47) Tetrachloroethene	10.87	164	241267	25.314	ug/L	96
49) 2-Hexanone	10.98	43	248352	45.203	ug/L	100
50) Dibromochloromethane	11.13	129	206741	24.772	ug/L	99
51) 1,2-Dibromoethane	11.24	107	175369	23.765	ug/L	97
52) Chlorobenzene	11.66	112	795709	25.476	ug/L	99
53) Ethylbenzene	11.74	91	1382372	26.128	ug/L	99
54) m,p-Xylene	11.85	106	548379	26.718	ug/L	98
55) o-xylene	12.17	106	513568	26.780	ug/L	96
56) Styrene	12.19	104	898196	27.260	ug/L	99
57) Isopropylbenzene	12.47	105	1365029	26.648	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	249490	23.287	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	188874	22.878	ug/L	99
62) Bromoform	12.35	173	133491	23.388	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	640087	25.809	ug/L	96
64) 1,4-Dichlorobenzene	13.59	146	663037	25.536	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	613447	25.815	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	41730	20.708	ug/L	98
67) 1,3,5-Trichlorobenzene	14.64	180	515598	25.982	ug/L	100
68) 1,2,4-trichlorobenzene	15.15	180	416595	26.000	ug/L	99
69) Naphthalene	15.38	128	815808	25.049	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	401226	26.586	ug/L	99

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

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