

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006911.D
 Acq On : 16 Nov 2018 10:48
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02592

Quant Time: Nov 16 14:10:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 04:49:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	167275	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	159258	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	78340	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	36728	24.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.92%
7) Chloroethane-d5	2.89	69	27402	25.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.56%
10) 1,1-Dichloroethene-d2	4.03	63	95263	24.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.04%
20) 2-Butanone-d5	7.09	46	33585	41.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.08%
24) Chloroform-d	7.65	84	89787	24.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	8.31	65	52410	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
29) Benzene-d6	8.28	84	191400	22.99	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.96%
33) 1,2-Dichloropropane-d6	9.28	67	58488	22.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.80%
37) Toluene-d8	10.33	98	198355	23.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.04%
38) trans-1,3-Dichloropropene-	10.58	79	27120	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.08%
39) 2-Hexanone-d5	10.93	63	27227	42.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	50918	23.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.32%
61) 1,2-Dichlorobenzene-d4	13.86	152	68924	23.23	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	55855	23.943	ug/L 100
3) Chloromethane	2.21	50	44941	24.681	ug/L 97
5) Vinyl chloride	2.36	62	44865	24.223	ug/L 97
6) Bromomethane	2.78	94	21781	26.157	ug/L 99
8) Chloroethane	2.93	64	23885	23.930	ug/L 94
9) Trichlorofluoromethane	3.27	101	82380	25.025	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	51880	23.560	ug/L 96
12) 1,1-Dichloroethene	4.04	96	45929	24.034	ug/L 95
13) Acetone	4.15	43	22327	42.345	ug/L 95
14) Carbon disulfide	4.38	76	153416	22.301	ug/L 99
15) Methyl Acetate	4.68	43	29088	22.656	ug/L 100
16) Methylene chloride	4.93	84	57315	19.595	ug/L 97
17) Methyl tert-butyl Ether	5.43	73	131041	25.466	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	51513	23.611	ug/L 96
19) 1,1-Dichloroethane	6.23	63	87814	24.657	ug/L 99
21) 2-Butanone	7.18	43	37878	41.637	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	54380	24.410	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	23524	25.906	ug/L	92
25) Chloroform	7.68	83	99229	24.097	ug/L	99
27) 1,2-Dichloroethane	8.40	62	63585	26.259	ug/L	97
30) Cyclohexane	7.96	56	94085	22.282	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	88130	24.867	ug/L	98
32) Carbon tetrachloride	8.07	117	76462	24.547	ug/L	98
34) Benzene	8.33	78	209032	23.470	ug/L	100
35) Trichloroethene	9.10	95	58422	24.083	ug/L	98
36) Methylcyclohexane	9.34	83	102583	22.000	ug/L	98
40) 1,2-Dichloropropane	9.37	63	52631	23.986	ug/L	99
41) Bromodichloromethane	9.65	83	69078	25.662	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	85531	25.818	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	78433	45.618	ug/L	99
44) Toluene	10.39	91	247771	24.297	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	72456	25.880	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	40775	24.271	ug/L	98
47) Tetrachloroethene	10.87	164	44790	24.147	ug/L	93
49) 2-Hexanone	10.97	43	61385	48.221	ug/L	98
50) Dibromochloromethane	11.13	129	47213	26.043	ug/L	98
51) 1,2-Dibromoethane	11.24	107	39819	24.921	ug/L	99
52) Chlorobenzene	11.66	112	157405	24.541	ug/L	98
53) Ethylbenzene	11.74	91	287297	23.671	ug/L	99
54) m,p-Xylene	11.84	106	112270	24.186	ug/L	97
55) o-xylene	12.17	106	105417	24.793	ug/L	100
56) Styrene	12.19	104	178215	25.285	ug/L	94
57) Isopropylbenzene	12.47	105	283497	23.816	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	51897	24.349	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	40030	24.116	ug/L	97
62) Bromoform	12.35	173	26194	26.644	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	122959	24.211	ug/L	96
64) 1,4-Dichlorobenzene	13.58	146	123634	24.388	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	113372	24.822	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	9266	21.884	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	82783	23.987	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	69083	24.563	ug/L	99
69) Naphthalene	15.38	128	154019	22.845	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	59949	23.976	ug/L	98

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

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