

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111618\
 Data File : VW006927.D
 Acq On : 16 Nov 2018 19:55
 Operator : SY/AP
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02593

Quant Time: Nov 16 23:55:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 16 23:51:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	176260	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	168506	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	83291	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	33279	21.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.08%
7) Chloroethane-d5	2.88	69	25598	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
10) 1,1-Dichloroethene-d2	4.03	63	87811	21.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.04%
20) 2-Butanone-d5	7.09	46	35258	40.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.76%
24) Chloroform-d	7.65	84	83996	21.53	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.12%
26) 1,2-Dichloroethane-d4	8.31	65	49762	22.59	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.36%
29) Benzene-d6	8.28	84	177127	20.11	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.44%
33) 1,2-Dichloropropane-d6	9.28	67	54784	20.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.28%
37) Toluene-d8	10.33	98	182962	20.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.12%
38) trans-1,3-Dichloropropene-	10.58	79	24656	21.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.16%
39) 2-Hexanone-d5	10.93	63	28386	42.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.50%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	51075	21.89	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.56%
61) 1,2-Dichlorobenzene-d4	13.86	152	65524	20.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.08%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.00	85	56414	22.950	ug/L 100
3) Chloromethane	2.21	50	43732	22.793	ug/L 96
5) Vinyl chloride	2.36	62	44266	22.681	ug/L 97
6) Bromomethane	2.78	94	22797	25.982	ug/L 99
8) Chloroethane	2.92	64	23937	22.759	ug/L 97
9) Trichlorofluoromethane	3.26	101	81937	23.621	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	52306	22.543	ug/L 97
12) 1,1-Dichloroethene	4.04	96	44630	22.164	ug/L 96
13) Acetone	4.13	43	24394	43.907	ug/L 64
14) Carbon disulfide	4.38	76	155323	21.427	ug/L 98
15) Methyl Acetate	4.68	43	30562	22.591	ug/L 100
16) Methylene chloride	4.92	84	58492	18.978	ug/L 95
17) Methyl tert-butyl Ether	5.43	73	134219	24.754	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	51415	22.365	ug/L 94
19) 1,1-Dichloroethane	6.23	63	87088	23.207	ug/L 99
21) 2-Butanone	7.18	43	40546	42.297	ug/L 100
22) cis-1,2-Dichloroethene	7.18	96	55240	23.532	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	23561	24.624	ug/L	95
25) Chloroform	7.68	83	93029	21.440	ug/L	99
27) 1,2-Dichloroethane	8.40	62	64321	25.209	ug/L	99
30) Cyclohexane	7.96	56	93308	20.886	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	86092	22.958	ug/L	99
32) Carbon tetrachloride	8.07	117	76475	23.203	ug/L	100
34) Benzene	8.33	78	209856	22.269	ug/L	100
35) Trichloroethene	9.10	95	57884	22.552	ug/L	99
36) Methylcyclohexane	9.34	83	105053	21.293	ug/L	99
40) 1,2-Dichloropropane	9.37	63	52661	22.683	ug/L	99
41) Bromodichloromethane	9.65	83	68190	23.941	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	83337	23.775	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	84161	46.263	ug/L	99
44) Toluene	10.39	91	251929	23.349	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	71959	24.292	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	41351	23.263	ug/L	97
47) Tetrachloroethene	10.87	164	45430	23.148	ug/L	98
49) 2-Hexanone	10.97	43	65427	48.576	ug/L	98
50) Dibromochloromethane	11.13	129	47775	24.907	ug/L	97
51) 1,2-Dibromoethane	11.24	107	41561	24.584	ug/L	97
52) Chlorobenzene	11.66	112	159107	23.444	ug/L	98
53) Ethylbenzene	11.74	91	288973	22.503	ug/L	96
54) m,p-Xylene	11.84	106	112170	22.838	ug/L	97
55) o-xylene	12.17	106	105938	23.548	ug/L	97
56) Styrene	12.18	104	176804	23.708	ug/L	97
57) Isopropylbenzene	12.47	105	286995	22.787	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	54982	24.381	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	42541	24.222	ug/L	99
62) Bromoform	12.35	173	27101	25.928	ug/L	97
63) 1,3-Dichlorobenzene	13.51	146	125951	23.326	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	125806	23.341	ug/L	97
65) 1,2-Dichlorobenzene	13.88	146	116675	24.026	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	10573	23.486	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	85287	23.244	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	71623	23.953	ug/L	100
69) Naphthalene	15.38	128	166660	23.251	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	65207	24.529	ug/L	99

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

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