

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112619\
 Data File : VW014124.D
 Acq On : 26 Nov 2019 09:28
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02521

Quant Time: Nov 27 06:13:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111119S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 26 07:45:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	305262	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	289045	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	174522	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	100647	20.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.68%
7) Chloroethane-d5	2.89	69	88704	22.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.88%
10) 1,1-Dichloroethene-d2	4.01	63	223247	22.33	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.32%
20) 2-Butanone-d5	7.07	46	78822	55.71	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.42%
24) Chloroform-d	7.64	84	234823	25.02	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.08%
26) 1,2-Dichloroethane-d4	8.30	65	119376	25.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.20%
29) Benzene-d6	8.27	84	466299	22.74	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.96%
33) 1,2-Dichloropropane-d6	9.27	67	141895	23.62	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.48%
37) Toluene-d8	10.32	98	431702	22.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.80%
38) trans-1,3-Dichloropropene-	10.57	79	61050	23.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.92%
39) 2-Hexanone-d5	10.92	63	61479	53.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.94%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121097	26.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	156579	22.33	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.32%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	79238	21.826	ug/L	95
3) Chloromethane	2.21	50	71936	22.308	ug/L	99
5) Vinyl chloride	2.36	62	133118	26.439	ug/L	94
6) Bromomethane	2.78	94	82591	26.495	ug/L	99
8) Chloroethane	2.92	64	80465	26.867	ug/L	95
9) Trichlorofluoromethane	3.26	101	92528	26.950	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	135957	26.819	ug/L	98
12) 1,1-Dichloroethene	4.04	96	133412	25.889	ug/L	96
13) Acetone	4.11	43	73777	51.242	ug/L	100
14) Carbon disulfide	4.38	76	367200	25.036	ug/L	99
15) Methyl Acetate	4.66	43	66083	28.368	ug/L	99
16) Methylene chloride	4.92	84	135979	23.138	ug/L	100
17) Methyl tert-butyl Ether	5.42	73	174159	26.197	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	139270	25.917	ug/L	99
19) 1,1-Dichloroethane	6.21	63	247261	27.317	ug/L	98
21) 2-Butanone	7.17	43	96894	52.382	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	152180	26.911	ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	67543	27.210	ug/L	92
25) Chloroform	7.67	83	243699	27.416	ug/L	100
27) 1,2-Dichloroethane	8.40	62	155319	28.861	ug/L	96
30) Cyclohexane	7.95	56	231311	25.006	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	198435	27.394	ug/L	98
32) Carbon tetrachloride	8.06	117	189788	27.293	ug/L	100
34) Benzene	8.32	78	566540	26.722	ug/L	100
35) Trichloroethene	9.09	95	147605	26.099	ug/L	99
36) Methylcyclohexane	9.33	83	258802	25.522	ug/L	99
40) 1,2-Dichloropropane	9.37	63	138365	27.110	ug/L	100
41) Bromodichloromethane	9.64	83	175598	28.459	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	218769	27.162	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	185708	55.110	ug/L	98
44) Toluene	10.38	91	616906	26.688	ug/L	100
45) trans-1,3-Dichloropropene	10.60	75	177831	27.921	ug/L	97
46) 1,1,2-Trichloroethane	10.79	97	104510	27.869	ug/L	98
47) Tetrachloroethene	10.86	164	133060	26.396	ug/L	98
49) 2-Hexanone	10.96	43	129856	53.451	ug/L	98
50) Dibromochloromethane	11.12	129	124566	28.260	ug/L	97
51) 1,2-Dibromoethane	11.23	107	100888	27.728	ug/L	98
52) Chlorobenzene	11.66	112	384112	26.506	ug/L	98
53) Ethylbenzene	11.73	91	675003	26.611	ug/L	99
54) m,p-Xylene	11.84	106	258126	26.185	ug/L	98
55) o-xylene	12.16	106	244929	26.533	ug/L	96
56) Styrene	12.18	104	428980	27.509	ug/L	99
57) Isopropylbenzene	12.46	105	676001	26.634	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	125852	28.745	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	92029	27.949	ug/L	100
62) Bromoform	12.35	173	79379	27.754	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	307351	25.081	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	305913	25.267	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	274673	25.312	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	19593	26.513	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	234222	25.080	ug/L	100
68) 1,2,4-trichlorobenzene	15.13	180	177105	24.118	ug/L	99
69) Naphthalene	15.36	128	315924	24.217	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	157386	24.286	ug/L	100

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

