

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042419\
 Data File : VW010123.D
 Acq On : 25 Apr 2019 00:23
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02520

Quant Time: Apr 25 03:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 25 03:43:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	776781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	735627	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	353612	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	177539	23.91	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.64%
7) Chloroethane-d5	2.88	69	149902	24.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.72%
10) 1,1-Dichloroethene-d2	4.02	63	490698	22.52	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.08%
20) 2-Butanone-d5	7.07	46	199226	56.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.64%
24) Chloroform-d	7.65	84	508800	24.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	8.30	65	309612	25.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.40%
29) Benzene-d6	8.27	84	983967	23.62	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.48%
33) 1,2-Dichloropropane-d6	9.27	67	315432	24.28	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.12%
37) Toluene-d8	10.32	98	896938	23.70	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.80%
38) trans-1,3-Dichloropropene-	10.58	79	144498	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.56%
39) 2-Hexanone-d5	10.93	63	157843	57.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.66%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	278918	25.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	318429	24.32	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.28%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	214213	20.499	ug/L	96
3) Chloromethane	2.21	50	188901	23.098	ug/L	98
5) Vinyl chloride	2.37	62	220027	23.814	ug/L	96
6) Bromomethane	2.78	94	137208	24.352	ug/L	98
8) Chloroethane	2.93	64	137708	24.645	ug/L	96
9) Trichlorofluoromethane	3.25	101	95672	19.019	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	209210	21.424	ug/L	97
12) 1,1-Dichloroethene	4.03	96	235379	23.385	ug/L	95
13) Acetone	4.12	43	123017	46.487	ug/L	99
14) Carbon disulfide	4.38	76	690821	23.679	ug/L	99
15) Methyl Acetate	4.67	43	178558	28.519	ug/L	99
16) Methylene chloride	4.91	84	268453	24.657	ug/L	98
17) Methyl tert-butyl Ether	5.42	73	369242	27.791	ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	257678	24.102	ug/L	99
19) 1,1-Dichloroethane	6.21	63	492745	24.352	ug/L	100
21) 2-Butanone	7.17	43	222133	54.136	ug/L	98
22) cis-1,2-Dichloroethene	7.16	96	285166	24.911	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	129461	25.750	ug/L	99
25) Chloroform	7.67	83	500502	25.054	ug/L	100
27) 1,2-Dichloroethane	8.40	62	385387	26.179	ug/L	99
30) Cyclohexane	7.95	56	429931	22.516	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	357364	22.588	ug/L	99
32) Carbon tetrachloride	8.07	117	345328	22.047	ug/L	100
34) Benzene	8.32	78	1071392	23.944	ug/L	100
35) Trichloroethene	9.09	95	276291	23.413	ug/L	96
36) Methylcyclohexane	9.34	83	437865	22.141	ug/L	99
40) 1,2-Dichloropropane	9.37	63	288082	24.948	ug/L	99
41) Bromodichloromethane	9.64	83	374923	25.126	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	442324	24.631	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	506764	56.960	ug/L	99
44) Toluene	10.38	91	1131285	23.884	ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	389134	25.111	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	217962	26.017	ug/L	97
47) Tetrachloroethene	10.86	164	199779	22.186	ug/L	99
49) 2-Hexanone	10.97	43	360511	57.331	ug/L	98
50) Dibromochloromethane	11.13	129	255857	25.488	ug/L	97
51) 1,2-Dibromoethane	11.24	107	215489	25.885	ug/L	99
52) Chlorobenzene	11.66	112	726995	24.257	ug/L	100
53) Ethylbenzene	11.73	91	1273308	23.951	ug/L	100
54) m,p-Xylene	11.84	106	471131	23.958	ug/L	99
55) o-xylene	12.17	106	463475	24.855	ug/L	97
56) Styrene	12.18	104	810837	25.567	ug/L	99
57) Isopropylbenzene	12.46	105	1221396	24.073	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	281010	26.483	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	211676	26.361	ug/L	100
62) Bromoform	12.35	173	148661	25.303	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	541990	24.090	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	555504	23.792	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	519348	24.957	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	51281	26.510	ug/L	99
67) 1,3,5-Trichlorobenzene	14.63	180	386954	23.453	ug/L	100
68) 1,2,4-trichlorobenzene	15.14	180	332321	24.757	ug/L	98
69) Naphthalene	15.37	128	828017	24.977	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	316015	25.143	ug/L	99

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

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