

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111418\
 Data File : VW006881.D
 Acq On : 14 Nov 2018 21:13
 Operator : SY/AP
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02588

Quant Time: Nov 15 03:37:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111418S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 15 03:33:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	168781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	162342	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	78755	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38080	25.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.64%
7) Chloroethane-d5	2.89	69	28166	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.48%
10) 1,1-Dichloroethene-d2	4.02	63	97422	24.34	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	97.36%
20) 2-Butanone-d5	7.09	46	40734	49.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.66%
24) Chloroform-d	7.65	84	91216	24.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	8.31	65	52740	25.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.04%
29) Benzene-d6	8.28	84	199897	23.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.20%
33) 1,2-Dichloropropane-d6	9.28	67	61062	23.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.04%
37) Toluene-d8	10.33	98	207905	23.92	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.68%
38) trans-1,3-Dichloropropene-	10.58	79	27186	24.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.44%
39) 2-Hexanone-d5	10.93	63	33453	51.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	56658	25.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	71840	24.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.36%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.00	85	56536	24.019	ug/L	99
3) Chloromethane	2.21	50	46024	25.050	ug/L	96
5) Vinyl chloride	2.36	62	45846	24.531	ug/L	97
6) Bromomethane	2.78	94	22804	27.141	ug/L	99
8) Chloroethane	2.92	64	24551	24.378	ug/L	98
9) Trichlorofluoromethane	3.26	101	82448	24.822	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	53342	24.008	ug/L	98
12) 1,1-Dichloroethene	4.04	96	47498	24.633	ug/L	99
13) Acetone	4.14	43	26595	49.990	ug/L	74
14) Carbon disulfide	4.38	76	172530	24.855	ug/L	100
15) Methyl Acetate	4.68	43	34492	26.625	ug/L	99
16) Methylene chloride	4.92	84	62649	21.227	ug/L	95
17) Methyl tert-butyl Ether	5.44	73	141729	27.298	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	54184	24.614	ug/L	92
19) 1,1-Dichloroethane	6.22	63	92265	25.676	ug/L	99
21) 2-Butanone	7.18	43	44798	48.804	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	57480	25.572	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	24896	27.173	ug/L	99
25) Chloroform	7.68	83	101645	24.464	ug/L	99
27) 1,2-Dichloroethane	8.40	62	65232	26.699	ug/L	96
30) Cyclohexane	7.96	56	99353	23.083	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	87338	24.175	ug/L	99
32) Carbon tetrachloride	8.07	117	75951	23.919	ug/L	99
34) Benzene	8.33	78	221231	24.368	ug/L	100
35) Trichloroethene	9.10	95	59008	23.863	ug/L	98
36) Methylcyclohexane	9.34	83	110174	23.179	ug/L	99
40) 1,2-Dichloropropane	9.37	63	56310	25.175	ug/L	99
41) Bromodichloromethane	9.65	83	70510	25.696	ug/L	95
42) cis-1,3-Dichloropropene	10.07	75	87685	25.965	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	95601	54.546	ug/L	99
44) Toluene	10.39	91	259317	24.946	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	75389	26.417	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	43920	25.646	ug/L	98
47) Tetrachloroethene	10.87	164	47104	24.912	ug/L	93
49) 2-Hexanone	10.98	43	69817	53.803	ug/L	99
50) Dibromochloromethane	11.13	129	49627	26.854	ug/L	97
51) 1,2-Dibromoethane	11.24	107	44089	27.070	ug/L	94
52) Chlorobenzene	11.66	112	165542	25.319	ug/L	98
53) Ethylbenzene	11.74	91	303537	24.534	ug/L	97
54) m,p-Xylene	11.84	106	118215	24.983	ug/L	100
55) o-xylene	12.17	106	110905	25.588	ug/L	98
56) Styrene	12.19	104	186754	25.993	ug/L	97
57) Isopropylbenzene	12.47	105	301445	24.843	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.72	83	58695	27.015	ug/L	97
59) 1,2,3-Trichloropropane	12.77	75	45671	26.992	ug/L	100
62) Bromoform	12.35	173	27978	28.309	ug/L	99
63) 1,3-Dichlorobenzene	13.51	146	129928	25.449	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	129082	25.328	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	118606	25.831	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	11729	27.554	ug/L	90
67) 1,3,5-Trichlorobenzene	14.63	180	87089	25.102	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	71350	25.236	ug/L	99
69) Naphthalene	15.38	128	182194	26.882	ug/L	100
70) 1,2,3-Trichlorobenzene	15.57	180	64719	25.748	ug/L	99

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

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