

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092520\
 Data File : VW016637.D
 Acq On : 24 Sep 2020 09:14
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02530

Quant Time: Sep 25 07:57:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 16:51:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	623531	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	552262	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	268686	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	123032	20.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.56%
7) Chloroethane-d5	2.90	69	110586	22.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.76%
10) 1,1-Dichloroethene-d2	4.03	63	293525	21.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.00%
20) 2-Butanone-d5	7.09	46	63806	38.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.56%
24) Chloroform-d	7.65	84	329851	25.29	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.16%
26) 1,2-Dichloroethane-d4	8.31	65	154850	23.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.52%
29) Benzene-d6	8.28	84	553031	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
33) 1,2-Dichloropropane-d6	9.28	67	160251	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.52%
37) Toluene-d8	10.33	98	514842	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.52%
38) trans-1,3-Dichloropropene-	10.58	79	74906	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	10.93	63	51555	42.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.46%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	124875	21.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.48%
61) 1,2-Dichlorobenzene-d4	13.85	152	210567	24.53	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.12%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.03	85	182032	23.632	ug/L 96
3) Chloromethane	2.23	50	149442	26.514	ug/L 99
5) Vinyl chloride	2.38	62	220265	26.483	ug/L 98
6) Bromomethane	2.80	94	156941	24.867	ug/L 99
8) Chloroethane	2.95	64	130892	26.603	ug/L 94
9) Trichlorofluoromethane	3.28	101	223288	26.627	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.08	101	212674	26.473	ug/L 98
12) 1,1-Dichloroethene	4.05	96	202662	25.660	ug/L 93
13) Acetone	4.14	43	45025	34.931	ug/L 98
14) Carbon disulfide	4.40	76	597682	25.084	ug/L 100
15) Methyl Acetate	4.68	43	54614	18.607	ug/L 99
16) Methylene chloride	4.92	84	191816	19.946	ug/L 94
17) Methyl tert-butyl Ether	5.43	73	246687	22.804	ug/L 99
18) trans-1,2-Dichloroethene	5.43	96	210956	25.792	ug/L 99
19) 1,1-Dichloroethane	6.22	63	325926	25.198	ug/L 97
21) 2-Butanone	7.18	43	71376	32.549	ug/L 97
22) cis-1,2-Dichloroethene	7.18	96	214236	25.245	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	97247	23.571	ug/L	96
25) Chloroform	7.68	83	357976	25.385	ug/L	99
27) 1,2-Dichloroethane	8.40	62	210857	23.304	ug/L	100
30) Cyclohexane	7.96	56	305989	25.354	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	337811	26.191	ug/L	99
32) Carbon tetrachloride	8.07	117	326695	26.071	ug/L	98
34) Benzene	8.33	78	751208	25.378	ug/L	100
35) Trichloroethene	9.10	95	219670	25.650	ug/L	100
36) Methylcyclohexane	9.34	83	370037	25.474	ug/L	100
40) 1,2-Dichloropropane	9.37	63	166817	24.231	ug/L	100
41) Bromodichloromethane	9.65	83	249390	24.445	ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	283124	24.076	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	157633	36.038	ug/L	100
44) Toluene	10.39	91	848515	25.493	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	237456	23.209	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	131474	22.669	ug/L	98
47) Tetrachloroethene	10.87	164	203106	26.264	ug/L	96
49) 2-Hexanone	10.97	43	103485	37.279	ug/L	98
50) Dibromochloromethane	11.13	129	175843	23.222	ug/L	98
51) 1,2-Dibromoethane	11.24	107	128277	22.090	ug/L	96
52) Chlorobenzene	11.66	112	552048	24.692	ug/L	99
53) Ethylbenzene	11.73	91	970997	25.695	ug/L	94
54) m,p-Xylene	11.84	106	380994	25.748	ug/L	98
55) o-xylene	12.17	106	353941	24.967	ug/L	95
56) Styrene	12.18	104	597197	25.369	ug/L	97
57) Isopropylbenzene	12.46	105	998584	25.779	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	133267	20.548	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	95806	19.832	ug/L	99
62) Bromoform	12.35	173	96897	21.381	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	449002	25.692	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	429717	25.108	ug/L	93
65) 1,2-Dichlorobenzene	13.87	146	384001	24.591	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	21207	18.946	ug/L	92
67) 1,3,5-Trichlorobenzene	14.63	180	328837	25.728	ug/L	96
68) 1,2,4-trichlorobenzene	15.14	180	249265	24.108	ug/L	96
69) Naphthalene	15.36	128	380993	20.787	ug/L	99
70) 1,2,3-Trichlorobenzene	15.55	180	211183	23.749	ug/L	97

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

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