

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111820\
 Data File : VW017355.D
 Acq On : 19 Nov 2020 02:07
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD02513

Quant Time: Nov 19 05:09:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 19 05:03:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	383898	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357649	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	182845	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	111572	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.52%
7) Chloroethane-d5	2.89	69	93697	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
10) 1,1-Dichloroethene-d2	4.03	63	203042	20.42	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.68%
20) 2-Butanone-d5	7.08	46	43782	46.91	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.82%
24) Chloroform-d	7.65	84	221281	21.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.76%
26) 1,2-Dichloroethane-d4	8.31	65	107849	22.13	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.52%
29) Benzene-d6	8.27	84	426227	21.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.56%
33) 1,2-Dichloropropane-d6	9.28	67	116201	21.63	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.52%
37) Toluene-d8	10.32	98	402064	21.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.72%
38) trans-1,3-Dichloropropene-	10.58	79	49877	21.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.32%
39) 2-Hexanone-d5	10.93	63	34989	48.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	96314	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.64%
61) 1,2-Dichlorobenzene-d4	13.85	152	147986	21.92	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	71547	20.058	ug/L 96
3) Chloromethane	2.21	50	87729	22.617	ug/L 100
5) Vinyl chloride	2.37	62	136416	23.946	ug/L 100
6) Bromomethane	2.78	94	101573	23.746	ug/L 99
8) Chloroethane	2.93	64	87324	24.491	ug/L 100
9) Trichlorofluoromethane	3.26	101	110297	21.760	ug/L 99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	122636	23.312	ug/L # 85
12) 1,1-Dichloroethene	4.04	96	119629	23.677	ug/L 94
13) Acetone	4.12	43	32713	48.037	ug/L 98
14) Carbon disulfide	4.39	76	352479	23.751	ug/L 99
15) Methyl Acetate	4.67	43	39067	26.194	ug/L 98
16) Methylene chloride	4.92	84	129979	19.794	ug/L 96
17) Methyl tert-butyl Ether	5.43	73	154141	25.891	ug/L 100
18) trans-1,2-Dichloroethene	5.43	96	128808	23.820	ug/L 97
19) 1,1-Dichloroethane	6.22	63	203693	24.624	ug/L 99
21) 2-Butanone	7.17	43	50095	47.986	ug/L 99
22) cis-1,2-Dichloroethene	7.17	96	135776	24.722	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	64256	24.935	ug/L	98
25) Chloroform	7.68	83	227640	24.607	ug/L	100
27) 1,2-Dichloroethane	8.40	62	137212	25.594	ug/L	99
30) Cyclohexane	7.96	56	164498	22.952	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	193635	23.134	ug/L	99
32) Carbon tetrachloride	8.07	117	190125	23.799	ug/L	97
34) Benzene	8.33	78	488031	24.155	ug/L	100
35) Trichloroethene	9.10	95	133444	23.349	ug/L	99
36) Methylcyclohexane	9.34	83	210463	23.048	ug/L	99
40) 1,2-Dichloropropane	9.37	63	111192	24.330	ug/L	99
41) Bromodichloromethane	9.65	83	161124	25.103	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	176226	24.845	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	113264	49.933	ug/L	99
44) Toluene	10.39	91	544775	24.307	ug/L	97
45) trans-1,3-Dichloropropene	10.61	75	149124	24.815	ug/L	98
46) 1,1,2-Trichloroethane	10.79	97	93075	25.852	ug/L	95
47) Tetrachloroethene	10.87	164	116558	22.493	ug/L	97
49) 2-Hexanone	10.97	43	75616	55.387	ug/L	97
50) Dibromochloromethane	11.13	129	115116	25.007	ug/L	95
51) 1,2-Dibromoethane	11.24	107	89067	25.219	ug/L	99
52) Chlorobenzene	11.66	112	357041	23.924	ug/L	99
53) Ethylbenzene	11.73	91	599907	23.870	ug/L	96
54) m,p-Xylene	11.84	106	233510	24.112	ug/L	89
55) o-xylene	12.16	106	222889	24.253	ug/L	90
56) Styrene	12.18	104	382161	25.084	ug/L	99
57) Isopropylbenzene	12.46	105	603642	23.985	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	100927	25.881	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	72356	25.693	ug/L	98
62) Bromoform	12.35	173	66106	25.695	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	288814	24.238	ug/L	94
64) 1,4-Dichlorobenzene	13.58	146	278648	23.701	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	259211	25.028	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	15582	26.994	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	202357	23.342	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	159134	23.919	ug/L	98
69) Naphthalene	15.36	128	260873	27.311	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	146266	24.990	ug/L	97

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

