

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112420\
 Data File : VW017484.D
 Acq On : 24 Nov 2020 19:52
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BLK

Quant Time: Nov 25 01:48:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM112420S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 25 01:45:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	696	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1429	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.72	152	235	25.00	ug/L	0.16

System Monitoring Compounds

4) Vinyl Chloride-d3	2.34	65	67	7.32	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	29.28%#
7) Chloroethane-d5	3.01	69	143	18.51	ug/L	0.12
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.04%
10) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.00%#
20) 2-Butanone-d5	7.10	46	27	13.98	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	27.96%
24) Chloroform-d	7.64	84	59	2.98	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	11.92%#
26) 1,2-Dichloroethane-d4	8.31	65	333	34.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	137.28%#
29) Benzene-d6	8.29	84	240	2.73	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	10.92%#
33) 1,2-Dichloropropane-d6	9.27	67	79	3.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	13.00%#
37) Toluene-d8	10.34	98	1295	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.72%
38) trans-1,3-Dichloropropene-	10.57	79	192	17.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.68%
39) 2-Hexanone-d5	10.66	63	50	16.61	ug/L	-0.26
Spiked Amount	50.000	Range	20 - 135	Recovery	=	33.22%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	552	31.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.20%#
61) 1,2-Dichlorobenzene-d4	13.72	152	235	27.01	ug/L	-0.13
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.04%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	2.23	50	33	4.847	ug/L #	23
5) Vinyl chloride	2.38	62	41	4.855	ug/L #	40
6) Bromomethane	2.85	94	219	36.016	ug/L	83
8) Chloroethane	2.93	64	80	14.101	ug/L #	43
12) 1,1-Dichloroethene	4.11	96	76	7.875	ug/L #	1
13) Acetone	4.14	43	932	501.640	ug/L	77
14) Carbon disulfide	4.47	76	22	0.797	ug/L #	76
15) Methyl Acetate	4.81	43	237	73.284	ug/L	96
16) Methylene chloride	4.92	84	7883	754.371	ug/L	97
21) 2-Butanone	7.15	43	529	237.932	ug/L	93
22) cis-1,2-Dichloroethene	7.18	96	71	6.859	ug/L #	59
23) Bromochloromethane	7.52	128	21	4.466	ug/L #	1
25) Chloroform	7.66	83	155	8.766	ug/L #	17
30) Cyclohexane	7.95	56	85	2.494	ug/L #	1
31) 1,1,1-Trichloroethane	7.90	97	104	3.075	ug/L #	24
32) Carbon tetrachloride	8.09	117	126	3.837	ug/L	98
34) Benzene	8.34	78	120	1.397	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) Trichloroethene	9.08	95	93	3.906	ug/L #	3
36) Methylcyclohexane	9.42	83	133	3.378	ug/L	87
40) 1,2-Dichloropropane	9.45	63	45	2.231	ug/L #	1
41) Bromodichloromethane	9.66	83	314	11.265	ug/L #	64
42) cis-1,3-Dichloropropene	10.13	75	47	1.504	ug/L #	1
43) 4-Methyl-2-pentanone	10.21	43	680	73.216	ug/L #	92
44) Toluene	10.38	91	478	5.172	ug/L #	62
45) trans-1,3-Dichloropropene	10.60	75	90	3.361	ug/L #	1
46) 1,1,2-Trichloroethane	10.80	97	164	10.850	ug/L #	71
47) Tetrachloroethene	10.87	164	229	11.288	ug/L #	1
49) 2-Hexanone	10.97	43	197	30.035	ug/L #	1
50) Dibromochloromethane	11.40	129	177	9.374	ug/L	80
51) 1,2-Dibromoethane	11.23	107	112	7.731	ug/L #	1
52) Chlorobenzene	11.65	112	247	4.081	ug/L #	1
53) Ethylbenzene	11.69	91	176	1.680	ug/L	88
54) m,p-Xylene	11.83	106	357	8.929	ug/L	98
55) o-xylene	12.13	106	344	9.238	ug/L	81
56) Styrene	12.19	104	225	3.592	ug/L #	1
57) Isopropylbenzene	12.47	105	469	4.585	ug/L #	63
58) 1,1,2,2-Tetrachloroethane	12.69	83	588	36.141	ug/L #	33
59) 1,2,3-Trichloropropane	12.76	75	125	10.409	ug/L #	1
62) Bromoform	12.34	173	398	119.470	ug/L #	93
63) 1,3-Dichlorobenzene	13.51	146	142	9.371	ug/L #	1
64) 1,4-Dichlorobenzene	13.58	146	337	22.450	ug/L #	1
65) 1,2-Dichlorobenzene	13.88	146	152	11.517	ug/L #	31
66) 1,2-Dibromo-3-chloropropan	14.31	75	2973	3498.650	ug/L #	1
67) 1,3,5-Trichlorobenzene	14.64	180	345	31.782	ug/L #	76
68) 1,2,4-trichlorobenzene	15.13	180	372	42.392	ug/L #	48
69) Naphthalene	15.37	128	896	66.126	ug/L #	42
70) 1,2,3-Trichlorobenzene	15.56	180	290	39.619	ug/L #	39

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

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