

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092620\
 Data File : VW016654.D
 Acq On : 25 Sep 2020 14:40
 Operator : SY/VA
 Sample : L4485-06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-06

Quant Time: Sep 28 10:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM091820SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Sep 26 00:13:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	596399	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	524079	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	265976	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	145846	21.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.56%
7) Chloroethane-d5	2.90	69	119497	21.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	4.03	63	234716	16.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.80%
21) 2-Butanone-d5	7.08	46	92987	61.72	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.44%
24) Chloroform-d	7.65	84	333147	23.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.84%
26) 1,2-Dichloroethane-d4	8.31	65	189601	26.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.68%
32) Benzene-d6	8.27	84	653483	24.41	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.64%
36) 1,2-Dichloropropane-d6	9.27	67	182955	24.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.40%
41) Toluene-d8	10.32	98	623248	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
43) trans-1,3-Dichloropropene-	10.58	79	90040	25.22	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.88%
47) 2-Hexanone-d5	10.93	63	73091	63.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.18%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	166053	28.98	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	115.92%
66) 1,2-Dichlorobenzene-d4	13.85	152	237719	24.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.72%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.02	85	8370m	1.164	ug/L	
3) Chloromethane	2.22	50	6671	1.171	ug/L	92
5) Vinyl chloride	2.37	62	10175	1.246	ug/L #	61
6) Bromomethane	2.80	94	6834	1.089	ug/L	84
8) Chloroethane	2.95	64	5659m	1.165	ug/L	
9) Trichlorofluoromethane	3.26	101	7225	0.932	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	11688m	1.520	ug/L	
12) 1,1-Dichloroethene	4.05	96	10980	1.427	ug/L #	1
13) Acetone	4.14	43	4274	4.205	ug/L	98
14) Carbon disulfide	4.39	76	24866	1.088	ug/L	99
15) Methyl Acetate	4.68	43	3497m	1.402	ug/L	
16) Methylene chloride	4.93	84	28820	3.297	ug/L	96
17) trans-1,2-Dichloroethene	5.44	96	9349	1.171	ug/L	95
18) Methyl tert-butyl Ether	5.43	73	12713	1.297	ug/L #	84
19) 1,1-Dichloroethane	6.23	63	14502	1.147	ug/L	97
20) cis-1,2-Dichloroethene	7.17	96	9444	1.138	ug/L	89
22) 2-Butanone	7.15	43	7021m	4.063	ug/L	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	4547	1.166	ug/L	96
25) Chloroform	7.68	83	17869	1.292	ug/L	96
27) 1,2-Dichloroethane	8.41	62	10942	1.274	ug/L	98
29) Cyclohexane	7.96	56	13257	1.133	ug/L	96
30) 1,1,1-Trichloroethane	7.87	97	14325	1.147	ug/L	97
31) Carbon tetrachloride	8.07	117	13933	1.146	ug/L	100
33) Benzene	8.33	78	34652	1.194	ug/L	100
34) Trichloroethene	9.09	95	9673	1.162	ug/L	93
35) Methylcyclohexane	9.34	83	16419	1.180	ug/L	99
37) 1,2-Dichloropropane	9.37	63	7774	1.174	ug/L #	96
38) Bromodichloromethane	9.65	83	10863	1.107	ug/L	92
39) cis-1,3-Dichloropropene	10.07	75	12137	1.074	ug/L	92
40) 4-Methyl-2-pentanone	10.21	43	10312	2.780	ug/L	99
42) Toluene	10.39	91	40636	1.242	ug/L	97
44) trans-1,3-Dichloropropene	10.61	75	15075	1.555	ug/L	90
45) 1,1,2-Trichloroethane	10.79	97	6911	1.285	ug/L	94
46) Tetrachloroethene	10.87	164	8982	1.196	ug/L	94
48) 2-Hexanone	10.97	43	6343	2.750	ug/L	96
49) Dibromochloromethane	11.13	129	8037	1.139	ug/L	88
50) 1,2-Dibromoethane	11.24	107	6943	1.304	ug/L #	95
51) Chlorobenzene	11.66	112	25962	1.197	ug/L	96
52) Ethylbenzene	11.73	91	43241	1.174	ug/L	97
53) m,p-Xylene	11.84	106	16745	1.167	ug/L	95
54) o-Xylene	12.17	106	15152	1.116	ug/L	93
55) Styrene	12.18	104	24797	1.097	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.71	83	7869	1.359	ug/L #	91
59) Bromoform	12.35	173	4486	1.045	ug/L #	92
60) Isopropylbenzene	12.46	105	42907	1.105	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	5836	1.331	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	35980	1.126	ug/L	99
63) 1,2,4-Trimethylbenzene	13.26	105	36595	1.152	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	20732	1.163	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	21345	1.221	ug/L	98
67) 1,2-Dichlorobenzene	13.87	146	19433	1.233	ug/L	94
68) 1,2-Dibromo-3-chloropropan	14.49	75	1305	1.267	ug/L #	80
69) 1,3,5-Trichlorobenzene	14.63	180	15202	1.156	ug/L	95
70) 1,2,4-trichlorobenzene	15.13	180	11866	1.117	ug/L	97
71) Naphthalene	15.36	128	18724	1.050	ug/L	100
72) 1,2,3-Trichlorobenzene	15.55	180	10212	1.145	ug/L	97

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

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