

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010521\
 Data File : VW017792.D
 Acq On : 05 Jan 2021 12:07
 Operator : SY/VA
 Sample : L5214-04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 MDL-SOIL-QT1-2021-02

Manual Integrations
 APPROVED

MMDadoda
 1/6/2021 5:24:07 PM

Quant Time: Jan 06 15:00:44 2021
 Quant Title :
 QLast Update : Wed Jan 06 17:02:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	256441	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	233740	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	115734	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	102433	23.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.00%
7) Chloroethane-d5	2.89	69	86551	22.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	4.02	63	137923	18.80	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.20%
21) 2-Butanone-d5	7.08	46	56871	51.66	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.32%
24) Chloroform-d	7.65	84	173265	23.83	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	8.31	65	105686	25.08	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.32%
32) Benzene-d6	8.27	84	344331	25.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.68%
36) 1,2-Dichloropropane-d6	9.27	67	98384	25.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.56%
41) Toluene-d8	10.32	98	325013	25.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.04%
43) trans-1,3-Dichloropropene-	10.58	79	44885	24.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.40%
47) 2-Hexanone-d5	10.93	63	38369	53.00	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.00%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	94180	25.12	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.48%
66) 1,2-Dichlorobenzene-d4	13.85	152	106716	24.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.44%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	2649m	0.857 ug/L	
3) Chloromethane	2.21	50	2851	1.061 ug/L	99
5) Vinyl chloride	2.36	62	4449	1.004 ug/L #	45
6) Bromomethane	2.78	94	3085	0.787 ug/L	98
8) Chloroethane	2.93	64	2600	0.887 ug/L #	76
9) Trichlorofluoromethane	3.26	101	2142m	0.711 ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	3858m	1.117 ug/L	
12) 1,1-Dichloroethene	4.04	96	3848m	1.175 ug/L	
13) Acetone	4.14	43	1559m	2.086 ug/L	
14) Carbon disulfide	4.39	76	7595	0.809 ug/L	97
15) Methyl Acetate	4.68	43	1684m	1.043 ug/L	
16) Methylene chloride	4.92	84	7794	1.885 ug/L	93
17) trans-1,2-Dichloroethene	5.42	96	3159m	0.900 ug/L	
18) Methyl tert-butyl Ether	5.43	73	4071m	0.910 ug/L	
19) 1,1-Dichloroethane	6.21	63	5445	0.875 ug/L	95
20) cis-1,2-Dichloroethene	7.17	96	3145m	0.837 ug/L	
22) 2-Butanone	7.18	43	3217m	2.590 ug/L	
23) Bromochloromethane	7.51	128	1516m	0.882 ug/L	

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25) Chloroform	7.68	83	6799	1.031	ug/L	82
27) 1,2-Dichloroethane	8.40	62	4698	0.997	ug/L #	67
29) Cyclohexane	7.96	56	4707	0.858	ug/L #	68
30) 1,1,1-Trichloroethane	7.87	97	4614	0.858	ug/L #	40
31) Carbon tetrachloride	8.07	117	4513	0.894	ug/L	95
33) Benzene	8.32	78	11644	0.853	ug/L	100
34) Trichloroethene	9.09	95	3427	0.919	ug/L	86
35) Methylcyclohexane	9.34	83	5162	0.809	ug/L	95
37) 1,2-Dichloropropane	9.37	63	3222	0.975	ug/L #	85
38) Bromodichloromethane	9.65	83	4168	0.893	ug/L #	83
39) cis-1,3-Dichloropropene	10.07	75	4465m	0.847	ug/L	
40) 4-Methyl-2-pentanone	10.22	43	4535	1.934	ug/L	95
42) Toluene	10.39	91	13794	0.892	ug/L	99
44) trans-1,3-Dichloropropene	10.61	75	4231m	0.880	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	2720	0.981	ug/L	87
46) Tetrachloroethene	10.87	164	2755	0.964	ug/L	84
48) 2-Hexanone	10.97	43	3802m	2.314	ug/L	
49) Dibromochloromethane	11.13	129	2520	0.792	ug/L	90
50) 1,2-Dibromoethane	11.24	107	2685	0.980	ug/L #	89
51) Chlorobenzene	11.66	112	8735	0.890	ug/L	95
52) Ethylbenzene	11.73	91	15013	0.850	ug/L	96
53) m,p-Xylene	11.83	106	5545	0.812	ug/L	94
54) o-Xylene	12.16	106	4990	0.774	ug/L	98
55) Styrene	12.18	104	8283	0.751	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	3850	1.068	ug/L #	84
59) Bromoform	12.35	173	1438	0.830	ug/L #	94
60) Isopropylbenzene	12.46	105	13826	0.819	ug/L	96
61) 1,2,3-Trichloropropane	12.77	75	2405	0.946	ug/L	94
62) 1,3,5-Trimethylbenzene	12.94	105	10804	0.804	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	10807	0.790	ug/L	99
64) 1,3-Dichlorobenzene	13.50	146	6284	0.862	ug/L	93
65) 1,4-Dichlorobenzene	13.58	146	6976	0.963	ug/L	92
67) 1,2-Dichlorobenzene	13.87	146	6557	1.002	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.63	180	4382m	0.888	ug/L	
70) 1,2,4-trichlorobenzene	15.13	180	3740	0.876	ug/L	95
71) Naphthalene	15.36	128	8645	0.878	ug/L	98
72) 1,2,3-Trichlorobenzene	15.55	180	3405	0.907	ug/L	96

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

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