

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021320\
 Data File : VW014981.D
 Acq On : 13 Feb 2020 15:37
 Operator : SY/VA
 Sample : MDL03
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL03

Manual Integrations
 APPROVED

MMDadoda
 2/14/2020 4:28:57 PM

Quant Time: Feb 14 04:58:28 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M

Quant Title : SFAM01.0

QLast Update : Fri Feb 14 04:50:37 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	727756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	678990	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	266929	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	373382	25.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.92%
7) Chloroethane-d5	2.89	69	280668	25.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.52%
11) 1,1-Dichloroethene-d2	4.02	63	497657	18.93	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.72%
21) 2-Butanone-d5	7.07	46	206280	50.50	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.00%
24) Chloroform-d	7.65	84	580637	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	361722	26.38	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.52%
32) Benzene-d6	8.27	84	1175895	25.70	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	9.27	67	407328	25.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.52%
41) Toluene-d8	10.32	98	997664	25.85	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	10.57	79	150688	25.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.84%
47) 2-Hexanone-d5	10.92	63	143463	51.26	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.52%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	294858	25.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.44%
66) 1,2-Dichlorobenzene-d4	13.85	152	278105	27.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.72%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	6870	0.950 ug/L	98
3) Chloromethane	2.21	50	14738	1.084 ug/L	94
5) Vinyl chloride	2.36	62	19508	1.115 ug/L #	40
6) Bromomethane	2.78	94	8743	1.101 ug/L	95
8) Chloroethane	2.93	64	8830	0.943 ug/L	93
9) Trichlorofluoromethane	3.25	101	6292	0.910 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.06	101	16090m	1.423 ug/L	
12) 1,1-Dichloroethene	4.04	96	14521	1.339 ug/L #	1
13) Acetone	4.13	43	14830	3.478 ug/L	73
14) Carbon disulfide	4.39	76	37787	0.964 ug/L	98
15) Methyl Acetate	4.68	43	7555m	1.021 ug/L	
16) Methylene chloride	4.92	84	52358	3.894 ug/L	94
17) trans-1,2-Dichloroethene	5.42	96	10524	0.962 ug/L	91
18) Methyl tert-butyl Ether	5.43	73	12735m	0.943 ug/L	
19) 1,1-Dichloroethane	6.21	63	24678	1.010 ug/L	95
20) cis-1,2-Dichloroethene	7.17	96	11332	1.005 ug/L	91
22) 2-Butanone	7.17	43	15950	3.112 ug/L	88

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 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	4911	1.073	ug/L	96
25) Chloroform	7.67	83	24754	1.137	ug/L	97
27) 1,2-Dichloroethane	8.40	62	17783	1.111	ug/L	98
29) Cyclohexane	7.95	56	17990	0.813	ug/L	99
30) 1,1,1-Trichloroethane	7.87	97	16269	0.985	ug/L	100
31) Carbon tetrachloride	8.07	117	14349	0.964	ug/L	96
33) Benzene	8.32	78	52973	1.063	ug/L	100
34) Trichloroethene	9.09	95	12225	1.024	ug/L	98
35) Methylcyclohexane	9.34	83	17981	0.873	ug/L	94
37) 1,2-Dichloropropane	9.37	63	13660	0.981	ug/L #	93
38) Bromodichloromethane	9.64	83	16190	1.033	ug/L	94
39) cis-1,3-Dichloropropene	10.07	75	17570	0.943	ug/L	94
40) 4-Methyl-2-pentanone	10.21	43	19712	1.989	ug/L	99
42) Toluene	10.38	91	50899	1.057	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	16017	1.036	ug/L	99
45) 1,1,2-Trichloroethane	10.79	97	8818	1.044	ug/L	93
46) Tetrachloroethene	10.86	164	7520	0.970	ug/L	93
48) 2-Hexanone	10.97	43	14407	1.995	ug/L #	97
49) Dibromochloromethane	11.13	129	8358	0.950	ug/L	99
50) 1,2-Dibromoethane	11.23	107	7723	1.014	ug/L	99
51) Chlorobenzene	11.65	112	29476	1.037	ug/L	91
52) Ethylbenzene	11.73	91	46446	0.885	ug/L	94
53) m,p-Xylene	11.84	106	15141	0.822	ug/L	97
54) o-Xylene	12.16	106	13621	0.788	ug/L	94
55) Styrene	12.18	104	21599	0.725	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.71	83	13009	1.151	ug/L #	89
59) Bromoform	12.35	173	4053	0.993	ug/L #	38
60) Isopropylbenzene	12.46	105	33874	0.811	ug/L	98
61) 1,2,3-Trichloropropane	12.77	75	8856	1.132	ug/L	95
62) 1,3,5-Trimethylbenzene	12.94	105	26407	0.793	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	25154	0.772	ug/L	98
64) 1,3-Dichlorobenzene	13.50	146	17575	1.020	ug/L	96
65) 1,4-Dichlorobenzene	13.58	146	17981	1.013	ug/L	96
67) 1,2-Dichlorobenzene	13.87	146	18320	1.149	ug/L	96
68) 1,2-Dibromo-3-chloropropan	14.48	75	2186	1.336	ug/L #	86
69) 1,3,5-Trichlorobenzene	14.63	180	10942	0.948	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	7556	0.873	ug/L	98
71) Naphthalene	15.36	128	7065	0.795	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.56	180	7311	0.912	ug/L	97

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

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