

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021420\
 Data File : VW014994.D
 Acq On : 14 Feb 2020 13:44
 Operator : SY/VA
 Sample : MDL04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 2/17/2020 3:46:31 PM

Quant Time: Feb 15 03:33:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 15 03:16:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	798043	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	742424	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.56	152	302914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	377773	23.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.04%
7) Chloroethane-d5	2.89	69	288387	23.55	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	4.02	63	515366	17.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.48%
21) 2-Butanone-d5	7.08	46	191164	42.68	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.36%
24) Chloroform-d	7.65	84	602835	23.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.08%
26) 1,2-Dichloroethane-d4	8.30	65	361835	24.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.24%
32) Benzene-d6	8.27	84	1211669	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
36) 1,2-Dichloropropane-d6	9.27	67	418312	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.24%
41) Toluene-d8	10.32	98	1038272	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.40%
43) trans-1,3-Dichloropropene-	10.58	79	150795	23.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.28%
47) 2-Hexanone-d5	10.92	63	134107	43.82	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.64%
56) 1,1,2,2-Tetrachloroethane-	12.69	84	286194	22.29	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.16%
66) 1,2-Dichlorobenzene-d4	13.85	152	281512	24.69	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.76%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.02	85	12932	1.631 ug/L	93
3) Chloromethane	2.21	50	30462	2.043 ug/L	99
5) Vinyl chloride	2.37	62	40557	2.113 ug/L #	66
6) Bromomethane	2.78	94	17742	2.038 ug/L	90
8) Chloroethane	2.93	64	19620	1.911 ug/L	90
9) Trichlorofluoromethane	3.26	101	13366	1.763 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	4.07	101	28725m	2.316 ug/L	
12) 1,1-Dichloroethene	4.05	96	26242	2.206 ug/L #	1
13) Acetone	4.13	43	20365	4.355 ug/L	96
14) Carbon disulfide	4.38	76	81146	1.887 ug/L	99
15) Methyl Acetate	4.68	43	14128	1.741 ug/L #	87
16) Methylene chloride	4.92	84	59030	4.003 ug/L	95
17) trans-1,2-Dichloroethene	5.42	96	23145	1.929 ug/L	81
18) Methyl tert-butyl Ether	5.42	73	27552	1.860 ug/L #	90
19) 1,1-Dichloroethane	6.22	63	52625	1.963 ug/L	99
20) cis-1,2-Dichloroethene	7.17	96	24529	1.983 ug/L #	98
22) 2-Butanone	7.17	43	18486	3.289 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021420\
 Data File : VW014994.D
 Acq On : 14 Feb 2020 13:44
 Operator : SY/VA
 Sample : MDL04
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 MDL04

Manual Integrations
 APPROVED

MMDadoda
 2/17/2020 3:46:31 PM

Quant Time: Feb 15 03:33:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Feb 15 03:16:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	9982	1.990	ug/L	83
25) Chloroform	7.68	83	51549	2.158	ug/L	100
27) 1,2-Dichloroethane	8.40	62	34331	1.956	ug/L	98
29) Cyclohexane	7.96	56	39273	1.622	ug/L	98
30) 1,1,1-Trichloroethane	7.87	97	35484	1.965	ug/L	96
31) Carbon tetrachloride	8.07	117	31736	1.950	ug/L	98
33) Benzene	8.32	78	110739	2.032	ug/L	100
34) Trichloroethene	9.09	95	25796	1.976	ug/L	94
35) Methylcyclohexane	9.34	83	39844	1.770	ug/L	95
37) 1,2-Dichloropropane	9.37	63	29973	1.969	ug/L	99
38) Bromodichloromethane	9.64	83	33644	1.963	ug/L	99
39) cis-1,3-Dichloropropene	10.07	75	37112	1.822	ug/L	99
40) 4-Methyl-2-pentanone	10.21	43	34960	3.226	ug/L	99
42) Toluene	10.38	91	108086	2.052	ug/L	99
44) trans-1,3-Dichloropropene	10.60	75	30320m	1.794	ug/L	
45) 1,1,2-Trichloroethane	10.79	97	17463	1.891	ug/L	93
46) Tetrachloroethene	10.86	164	16765	1.978	ug/L	90
48) 2-Hexanone	10.97	43	25651	3.248	ug/L	97
49) Dibromochloromethane	11.12	129	17578	1.827	ug/L	95
50) 1,2-Dibromoethane	11.23	107	15402	1.850	ug/L	83
51) Chlorobenzene	11.65	112	61336	1.974	ug/L	98
52) Ethylbenzene	11.73	91	103080	1.797	ug/L	99
53) m,p-Xylene	11.84	106	36623	1.819	ug/L	90
54) o-Xylene	12.16	106	30586	1.618	ug/L	90
55) Styrene	12.18	104	50197	1.540	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.71	83	24319	1.968	ug/L	98
59) Bromoform	12.35	173	9320	2.012	ug/L	98
60) Isopropylbenzene	12.46	105	81170	1.712	ug/L	99
61) 1,2,3-Trichloropropane	12.77	75	18074	2.036	ug/L	99
62) 1,3,5-Trimethylbenzene	12.94	105	61965	1.639	ug/L	98
63) 1,2,4-Trimethylbenzene	13.25	105	58123	1.571	ug/L	100
64) 1,3-Dichlorobenzene	13.50	146	37695	1.928	ug/L	98
65) 1,4-Dichlorobenzene	13.58	146	40225	1.996	ug/L	98
67) 1,2-Dichlorobenzene	13.86	146	38074	2.105	ug/L	93
68) 1,2-Dibromo-3-chloropropan	14.48	75	3755	2.023	ug/L #	89
69) 1,3,5-Trichlorobenzene	14.63	180	25865	1.974	ug/L	96
70) 1,2,4-trichlorobenzene	15.13	180	16974	1.729	ug/L	98
71) Naphthalene	15.36	128	13031	1.292	ug/L	99
72) 1,2,3-Trichlorobenzene	15.55	180	15887	1.746	ug/L	100

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021420\
Data File : VW014994.D
Acq On : 14 Feb 2020 13:44
Operator : SY/VA
Sample : MDL04
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampled :
MDL04

Quant Time: Feb 15 03:33:58 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SFAMWLM021320SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Feb 15 03:16:02 2020
Response via : Initial Calibration

Manual Integrations
APPROVED

MMDadoda
2/17/2020 3:46:31 PM

