Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
Data File : VW024628.D
Acq On : 22 Sep 2022 11:24
Operator : SY/VA
Sample : MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 00:53:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 23 00:42:09 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/26/2022
Supervised By :Mahesh Dadoda 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	352300	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	349459	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	164664	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	224548	27.938	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.760%			
7) Chloroethane-d5	2.879	69	175268	25.810	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 103.240%			
11) 1,1-Dichloroethene-d2	4.007	63	169275	18.987	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 75.960%			
21) 2-Butanone-d5	7.080	46	51574	46.842	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.680%			
24) Chloroform-d	7.647	84	235100	23.465	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 93.880%			
26) 1,2-Dichloroethane-d4	8.305	65	143394	26.455	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 105.800%			
32) Benzene-d6	8.275	84	497050	25.368	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.480%			
36) 1,2-Dichloropropane-d6	9.274	67	133795	23.802	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 95.200%			
41) Toluene-d8	10.323	98	478758	25.116	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.480%			
43) trans-1,3-Dichloroprop...	10.579	79	59336	23.641	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.560%			
47) 2-Hexanone-d5	10.920	63	44641	49.727	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.460%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	111851	22.817	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.280%			
66) 1,2-Dichlorobenzene-d4	13.853	152	143664	24.370	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	1346m	0.841	ug/L	
5) Vinyl chloride	2.349	62	10719m	1.212	ug/L	
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	7067m	1.409	ug/L	
12) 1,1-Dichloroethene	4.025	96	5805m	1.314	ug/L	
13) Acetone	4.147	43	2644m	3.210	ug/L	
14) Carbon disulfide	4.379	76	13327	0.968	ug/L	96
16) Methylene chloride	4.909	84	28558	4.790	ug/L	97
17) trans-1,2-Dichloroethene	5.415	96	4875	0.953	ug/L	92
18) Methyl tert-butyl Ether	5.434	73	7200m	0.901	ug/L	
19) 1,1-Dichloroethane	6.226	63	9100m	1.078	ug/L	
20) cis-1,2-Dichloroethene	7.165	96	5671m	1.087	ug/L	
22) 2-Butanone	7.171	43	3653m	2.939	ug/L	
23) Bromochloromethane	7.519	128	2525	1.019	ug/L	94
25) Chloroform	7.671	83	10046	1.081	ug/L	97
27) 1,2-Dichloroethane	8.396	62	6574	1.066	ug/L	100
29) Cyclohexane	7.958	56	7025	0.899	ug/L #	80
30) 1,1,1-Trichloroethane	7.872	97	8092	0.997	ug/L	94
31) Carbon tetrachloride	8.067	117	7365	0.954	ug/L	99
33) Benzene	8.323	78	22825	1.096	ug/L	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
Data File : VW024628.D
Acq On : 22 Sep 2022 11:24
Operator : SY/VA
Sample : MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 00:53:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 23 00:42:09 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/26/2022
Supervised By :Mahesh Dadoda 09/26/2022

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
34) Trichloroethene	9.091	95	6266	1.111 ug/L	92
35) Methylcyclohexane	9.329	83	7887	0.838 ug/L #	85
37) 1,2-Dichloropropane	9.372	63	5035	1.030 ug/L #	88
38) Bromodichloromethane	9.640	83	6672	0.959 ug/L #	94
39) cis-1,3-Dichloropropene	10.067	75	6438	0.844 ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	5209	1.855 ug/L	95
42) Toluene	10.384	91	28448	1.217 ug/L	92
45) 1,1,2-Trichloroethane	10.786	97	4420	1.086 ug/L	98
46) Tetrachloroethene	10.859	164	4675	1.053 ug/L	92
48) 2-Hexanone	10.975	43	4191	2.175 ug/L #	95
49) Dibromochloromethane	11.128	129	4581m	0.931 ug/L	
50) 1,2-Dibromoethane	11.231	107	3644	0.918 ug/L #	99
51) Chlorobenzene	11.658	112	16269	1.056 ug/L	94
52) Ethylbenzene	11.731	91	24069	0.938 ug/L	100
53) m,p-Xylene	11.829	106	8638	0.847 ug/L	85
54) o-Xylene	12.164	106	7418	0.776 ug/L	96
55) Styrene	12.176	104	11957	0.727 ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	5338	1.097 ug/L #	94
59) Bromoform	12.353	173	2177m	0.905 ug/L	
60) Isopropylbenzene	12.463	105	19512	0.844 ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	3757	1.223 ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	15557	0.829 ug/L	96
63) 1,2,4-Trimethylbenzene	13.243	105	14946	0.796 ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	9791	0.940 ug/L	95
65) 1,4-Dichlorobenzene	13.572	146	11276	1.052 ug/L	87
67) 1,2-Dichlorobenzene	13.865	146	11452	1.190 ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.475	75	826m	1.155 ug/L	
69) 1,3,5-Trichlorobenzene	14.621	180	6180	0.902 ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	4825	0.880 ug/L #	92
72) 1,2,3-Trichlorobenzene	15.548	180	3740	0.751 ug/L	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092222\
Data File : VW024628.D
Acq On : 22 Sep 2022 11:24
Operator : SY/VA
Sample : MDL
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 23 00:53:42 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092122SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Sep 23 00:42:09 2022
Response via : Initial Calibration

Instrument :
MSVOA_W
ClientSampleId :
MDL

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/26/2022
Supervised By :Mahesh Dadoda 09/26/2022