Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027662.D
Acq On : 16 Dec 2023 02:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Quant Time: Dec 16 04:11:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 16 00:05:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	379477	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	343875	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	172052	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	123717	23.020	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.080%			
7) Chloroethane-d5	2.905	69	101875	24.346	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	4.027	65	49884	23.176	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 92.720%			
21) 2-Butanone-d5	7.088	46	40122	43.842	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.680%			
24) Chloroform-d	7.654	84	229847	25.454	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 101.800%			
26) 1,2-Dichloroethane-d4	8.307	65	104353	24.613	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 98.440%			
32) Benzene-d6	8.276	84	490795	24.421	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.680%			
36) 1,2-Dichloropropane-d6	9.276	67	141890	24.921	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.680%			
41) Toluene-d8	10.319	98	466421	25.014	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.040%			
43) trans-1,3-Dichloroprop...	10.575	79	52720	23.915	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95.680%			
47) 2-Hexanone-d5	10.922	63	36099	43.507	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 87.020%			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97004	22.529	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 90.120%			
66) 1,2-Dichlorobenzene-d4	13.849	152	151868	24.659	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.640%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.021	85	102111	23.119	ug/L	99
3) Chloromethane	2.223	50	128705	24.740	ug/L	99
5) Vinyl chloride	2.375	62	150178	24.265	ug/L	95
6) Bromomethane	2.796	94	100715	25.566	ug/L	88
8) Chloroethane	2.936	64	92287	24.939	ug/L	96
9) Trichlorofluoromethane	3.271	101	135125	24.173	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	111665	23.516	ug/L	98
12) 1,1-Dichloroethene	4.045	96	112847	24.277	ug/L	98
13) Acetone	4.149	43	33340	40.132	ug/L	99
14) Carbon disulfide	4.387	76	382306	24.482	ug/L	100
15) Methyl Acetate	4.679	43	31842	21.215	ug/L	97
16) Methylene chloride	4.923	84	130008	21.850	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	123901	25.208	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	164118	25.254	ug/L	99
19) 1,1-Dichloroethane	6.222	63	213013	25.485	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	134081	25.913	ug/L	98
22) 2-Butanone	7.185	43	43693	39.606	ug/L	98
23) Bromochloromethane	7.520	128	56310	25.772	ug/L	95
25) Chloroform	7.673	83	213003	25.876	ug/L	94

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027662.D
Acq On : 16 Dec 2023 02:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Quant Time: Dec 16 04:11:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 16 00:05:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	120180	24.902	ug/L	99
29) Cyclohexane	7.959	56	188742	23.198	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	173413	24.142	ug/L	99
31) Carbon tetrachloride	8.069	117	151576	23.978	ug/L	97
33) Benzene	8.325	78	502642	25.215	ug/L	100
34) Trichloroethene	9.087	95	132722	24.426	ug/L	94
35) Methylcyclohexane	9.337	83	230712	23.541	ug/L	99
37) 1,2-Dichloropropane	9.368	63	120463	25.034	ug/L	99
38) Bromodichloromethane	9.642	83	144867	24.769	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	181482	24.744	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	90859	43.201	ug/L	99
42) Toluene	10.386	91	543988	25.362	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	141108	24.431	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	83986	23.575	ug/L	99
46) Tetrachloroethene	10.861	164	104484	24.081	ug/L	90
48) 2-Hexanone	10.965	43	64960	41.497	ug/L	100
49) Dibromochloromethane	11.123	129	91923	24.670	ug/L	95
50) 1,2-Dibromoethane	11.233	107	78561	23.204	ug/L	95
51) Chlorobenzene	11.654	112	347002	25.322	ug/L	92
52) Ethylbenzene	11.727	91	608214	25.165	ug/L	97
53) m,p-Xylene	11.837	106	233648	25.168	ug/L	95
54) o-Xylene	12.160	106	219777	25.423	ug/L	95
55) Styrene	12.178	104	379425	26.037	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	89996	22.161	ug/L	99
59) Bromoform	12.343	173	45926	21.807	ug/L	94
60) Isopropylbenzene	12.459	105	598186	24.634	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	62629	21.841	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	498539	25.683	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	496075	25.962	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	264108	25.170	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	262161	24.873	ug/L	99
67) 1,2-Dichlorobenzene	13.867	146	234134	25.660	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	12012	20.969	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	181572	24.869	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	151485	25.265	ug/L	94
71) Naphthalene	15.360	128	244597	23.021	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	124230	24.781	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121523\
Data File : VW027662.D
Acq On : 16 Dec 2023 02:39
Operator : SY/MD
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025567

Quant Time: Dec 16 04:11:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Dec 16 00:05:51 2023
Response via : Initial Calibration