Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
Data File : VD075579.D
Acq On : 05 Apr 2023 15:25
Operator : KP/SY
Sample : VSTDCCC025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

Quant Time: Apr 05 23:38:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	375879	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	335589	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	163781	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	232275	26.541	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 106.160%			
7) Chloroethane-d5	2.805	69	214767	27.578	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.320%			
11) 1,1-Dichloroethene-d2	3.922	63	182809	25.897	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 103.600%			
21) 2-Butanone-d5	6.987	46	34567	60.653	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 121.300%			
24) Chloroform-d	7.569	84	229354	25.881	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 103.520%			
26) 1,2-Dichloroethane-d4	8.234	65	98892	25.181	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.720%			
32) Benzene-d6	8.205	84	498281	25.397	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	9.210	67	130340	24.928	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 99.720%			
41) Toluene-d8	10.269	98	471634	25.637	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 102.560%			
43) trans-1,3-Dichloroprop...	10.528	79	53744	24.657	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.640%			
47) 2-Hexanone-d5	10.875	63	33714	54.490	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.980%			
56) 1,1,2,2-Tetrachloroeth...	12.651	84	109232	27.887	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 111.560%			
66) 1,2-Dichlorobenzene-d4	13.816	152	136929	24.372	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	69881	19.838	ug/L	98
3) Chloromethane	2.146	50	103907	22.541	ug/L	98
5) Vinyl chloride	2.287	62	159273	22.169	ug/L	100
6) Bromomethane	2.693	94	112030	22.854	ug/L	100
8) Chloroethane	2.840	64	117574	23.491	ug/L	96
9) Trichlorofluoromethane	3.175	101	138479	22.168	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	101116	23.301	ug/L	98
12) 1,1-Dichloroethene	3.946	96	82318	22.962	ug/L	91
13) Acetone	4.028	43	33830	56.599	ug/L	97
14) Carbon disulfide	4.269	76	178700	20.835	ug/L	100
15) Methyl Acetate	4.564	43	27364	27.319	ug/L	100
16) Methylene chloride	4.805	84	105655	20.449	ug/L	96
17) trans-1,2-Dichloroethene	5.316	96	88957	23.374	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	197603	27.307	ug/L #	88
19) 1,1-Dichloroethane	6.111	63	160699	24.632	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	112945	25.273	ug/L	99
22) 2-Butanone	7.081	43	42056	59.069	ug/L	96
23) Bromochloromethane	7.428	128	53566	25.421	ug/L	97
25) Chloroform	7.599	83	194490	24.889	ug/L	98

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
Data File : VD075579.D
Acq On : 05 Apr 2023 15:25
Operator : KP/SY
Sample : VSTDCCC025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

Quant Time: Apr 05 23:38:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.328	62	100483	24.878	ug/L		99
29) Cyclohexane	7.875	56	91232	22.277	ug/L		99
30) 1,1,1-Trichloroethane	7.793	97	153694	23.248	ug/L		99
31) Carbon tetrachloride	7.993	117	122943	23.037	ug/L		99
33) Benzene	8.252	78	400846	23.212	ug/L		100
34) Trichloroethene	9.028	95	103735	21.442	ug/L		99
35) Methylcyclohexane	9.275	83	136635	21.592	ug/L		99
37) 1,2-Dichloropropane	9.305	63	98317	24.200	ug/L		98
38) Bromodichloromethane	9.581	83	146400	25.301	ug/L		99
39) cis-1,3-Dichloropropene	10.016	75	162154	25.173	ug/L		98
40) 4-Methyl-2-pentanone	10.157	43	84733	55.643	ug/L		99
42) Toluene	10.334	91	457352	23.837	ug/L		97
44) trans-1,3-Dichloropropene	10.552	75	136115	24.853	ug/L		93
45) 1,1,2-Trichloroethane	10.734	97	94303	25.294	ug/L		98
46) Tetrachloroethene	10.810	164	80251	21.180	ug/L		97
48) 2-Hexanone	10.922	43	66163	64.469	ug/L		96
49) Dibromochloromethane	11.075	129	104359	25.854	ug/L		99
50) 1,2-Dibromoethane	11.181	107	82335	25.205	ug/L		97
51) Chlorobenzene	11.610	112	310930	24.063	ug/L		96
52) Ethylbenzene	11.687	91	491318	24.352	ug/L		99
53) m,p-Xylene	11.793	106	193540	24.463	ug/L		96
54) o-Xylene	12.122	106	191726	25.450	ug/L		96
55) Styrene	12.134	104	353349	26.323	ug/L		96
57) 1,1,2,2-Tetrachloroethane	12.675	83	103891	27.001	ug/L	#	92
59) Bromoform	12.298	173	62612	24.719	ug/L		98
60) Isopropylbenzene	12.422	105	507108	23.450	ug/L		99
61) 1,2,3-Trichloropropane	12.728	75	61908	23.881	ug/L		98
62) 1,3,5-Trimethylbenzene	12.904	105	379595	23.272	ug/L		100
63) 1,2,4-Trimethylbenzene	13.216	105	377610	24.209	ug/L		99
64) 1,3-Dichlorobenzene	13.457	146	234437	23.942	ug/L		99
65) 1,4-Dichlorobenzene	13.540	146	243643	23.855	ug/L		98
67) 1,2-Dichlorobenzene	13.834	146	215395	24.287	ug/L		99
68) 1,2-Dibromo-3-chloropr...	14.445	75	12771	24.464	ug/L		92
69) 1,3,5-Trichlorobenzene	14.592	180	142740	23.638	ug/L		99
70) 1,2,4-trichlorobenzene	15.098	180	116173	23.764	ug/L		97
71) Naphthalene	15.334	128	230617	25.515	ug/L		99
72) 1,2,3-Trichlorobenzene	15.522	180	106541	24.330	ug/L		99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD040523\
Data File : VD075579.D
Acq On : 05 Apr 2023 15:25
Operator : KP/SY
Sample : VSTDCCC025
Misc : 5.00G/10.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD025124

Quant Time: Apr 05 23:38:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM033123SMA.M
Quant Title : SFAM01.0
QLast Update : Sat Apr 01 00:08:20 2023
Response via : Initial Calibration