Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022964.D
Acq On : 10 May 2022 18:37
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Quant Time: May 11 01:24:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 11 01:19:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	302621	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	295901	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	169066	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	112937	18.190	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 72.760%			
7) Chloroethane-d5	2.885	69	95840	23.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.920%			
11) 1,1-Dichloroethene-d2	4.019	63	155417	19.373	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 77.480%			
21) 2-Butanone-d5	7.080	46	70996	60.142	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 120.280%			
24) Chloroform-d	7.647	84	220673	24.890	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.560%			
26) 1,2-Dichloroethane-d4	8.305	65	122328	25.156	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 100.640%			
32) Benzene-d6	8.275	84	400662	23.492	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 93.960%			
36) 1,2-Dichloropropane-d6	9.274	67	122015	25.468	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 101.880%			
41) Toluene-d8	10.323	98	384047	23.310	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.240%			
43) trans-1,3-Dichloroprop...	10.579	79	51312	23.261	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.040%			
47) 2-Hexanone-d5	10.920	63	59958	65.558	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 131.120%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	133067	29.799	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 119.200%			
66) 1,2-Dichlorobenzene-d4	13.853	152	143686	24.312	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	33196	20.123	ug/L	99
3) Chloromethane	2.215	50	72300	22.680	ug/L	99
5) Vinyl chloride	2.361	62	133675	20.894	ug/L	96
6) Bromomethane	2.776	94	89036	21.675	ug/L	92
8) Chloroethane	2.922	64	76698	24.856	ug/L	98
9) Trichlorofluoromethane	3.257	101	56768	19.414	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	95727	21.894	ug/L	98
12) 1,1-Dichloroethene	4.038	96	81269	20.968	ug/L	94
13) Acetone	4.117	43	37777	42.744	ug/L	99
14) Carbon disulfide	4.385	76	187558	17.651	ug/L	99
15) Methyl Acetate	4.672	43	45729	25.755	ug/L	99
16) Methylene chloride	4.922	84	101952	23.024	ug/L	95
17) trans-1,2-Dichloroethene	5.421	96	94851	21.746	ug/L	97
18) Methyl tert-butyl Ether	5.428	73	176642	26.529	ug/L	100
19) 1,1-Dichloroethane	6.214	63	178026	24.082	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	113001	24.120	ug/L #	100
22) 2-Butanone	7.171	43	64489	52.176	ug/L	99
23) Bromochloromethane	7.513	128	52067	23.731	ug/L	99
25) Chloroform	7.677	83	207839	25.426	ug/L	95

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022964.D
Acq On : 10 May 2022 18:37
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Quant Time: May 11 01:24:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 11 01:19:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	135684	24.901	ug/L	100
29) Cyclohexane	7.958	56	135610	21.191	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	165592	23.681	ug/L	99
31) Carbon tetrachloride	8.067	117	145334	22.218	ug/L	98
33) Benzene	8.323	78	419938	24.091	ug/L	100
34) Trichloroethene	9.091	95	110681	23.088	ug/L	97
35) Methylcyclohexane	9.335	83	165895	21.065	ug/L	99
37) 1,2-Dichloropropane	9.366	63	103986	24.651	ug/L	100
38) Bromodichloromethane	9.646	83	152004	25.369	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	160741	24.575	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	146729	55.185	ug/L	99
42) Toluene	10.384	91	473805	24.253	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	148538	25.442	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	92568	26.250	ug/L	96
46) Tetrachloroethene	10.859	164	81504	22.623	ug/L	90
48) 2-Hexanone	10.969	43	99308	55.900	ug/L	99
49) Dibromochloromethane	11.128	129	111488	26.268	ug/L	96
50) 1,2-Dibromoethane	11.231	107	89675	25.325	ug/L	97
51) Chlorobenzene	11.658	112	327063	25.395	ug/L	98
52) Ethylbenzene	11.731	91	539406	24.819	ug/L	100
53) m,p-Xylene	11.835	106	213913	24.979	ug/L	99
54) o-Xylene	12.164	106	207542	25.255	ug/L	97
55) Styrene	12.176	104	362447	25.956	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120868	27.441	ug/L	97
59) Bromoform	12.347	173	58639	24.474	ug/L	98
60) Isopropylbenzene	12.463	105	570316	24.624	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	87146	25.797	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	315533	24.487	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	473516	24.474	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	242810	23.481	ug/L	94
65) 1,4-Dichlorobenzene	13.578	146	250830	23.484	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	239462	25.306	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19045	25.796	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	152489	22.215	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	127257	23.047	ug/L	95
71) Naphthalene	15.365	128	323608	26.965	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121770	24.883	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051022\
Data File : VW022964.D
Acq On : 10 May 2022 18:37
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025525

Quant Time: May 11 01:24:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0
QLast Update : Wed May 11 01:19:10 2022
Response via : Initial Calibration