Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111621\
Data File : VW020901.D
Acq On : 16 Nov 2021 08:29
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.00mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Quant Time: Nov 17 00:23:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 16 04:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	131550	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	117291	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	65449	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	36983	24.237	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 96.960%			
7) Chloroethane-d5	2.891	69	24798	25.198	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 100.800%			
11) 1,1-Dichloroethene-d2	4.019	63	75904	25.710	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 102.840%			
21) 2-Butanone-d5	7.074	46	15945	41.865	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 83.720%			
24) Chloroform-d	7.653	84	79720	24.051	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 96.200%			
26) 1,2-Dichloroethane-d4	8.305	65	37596	22.346	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.400%			
32) Benzene-d6	8.275	84	153554	24.840	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 99.360%			
36) 1,2-Dichloropropane-d6	9.274	67	42579	24.188	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 96.760%			
41) Toluene-d8	10.323	98	153152	24.961	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 99.840%			
43) trans-1,3-Dichloroprop...	10.579	79	19746	23.732	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.920%			
47) 2-Hexanone-d5	10.920	63	12652	43.335	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 86.680%			
56) 1,1,2,2-Tetrachloroeth...	12.695	84	30967	22.964	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 91.840%			
66) 1,2-Dichlorobenzene-d4	13.853	152	55915	23.970	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 95.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.014	85	7271	19.098	ug/L	97
3) Chloromethane	2.221	50	23436	20.247	ug/L	100
5) Vinyl chloride	2.361	62	44812	22.383	ug/L	97
6) Bromomethane	2.782	94	24861	22.395	ug/L	99
8) Chloroethane	2.928	64	20606	24.482	ug/L	90
9) Trichlorofluoromethane	3.263	101	33194	28.464	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	43216	24.377	ug/L	89
12) 1,1-Dichloroethene	4.038	96	40085	24.320	ug/L	82
13) Acetone	4.123	43	13121	38.586	ug/L	89
14) Carbon disulfide	4.385	76	101136	22.688	ug/L	98
15) Methyl Acetate	4.672	43	13076	21.442	ug/L #	90
16) Methylene chloride	4.915	84	38383	20.920	ug/L	87
17) trans-1,2-Dichloroethene	5.428	96	42137	23.720	ug/L	83
18) Methyl tert-butyl Ether	5.428	73	62749	23.532	ug/L	93
19) 1,1-Dichloroethane	6.220	63	70196	23.848	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	45646	23.842	ug/L	75
22) 2-Butanone	7.171	43	18275	39.556	ug/L	86
23) Bromochloromethane	7.519	128	20897	23.875	ug/L #	65
25) Chloroform	7.677	83	77509	24.092	ug/L	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111621\
Data File : VW020901.D
Acq On : 16 Nov 2021 08:29
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.00mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Quant Time: Nov 17 00:23:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 16 04:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.396	62	44353	22.768	ug/L		96
29) Cyclohexane	7.958	56	63561	24.307	ug/L	#	85
30) 1,1,1-Trichloroethane	7.878	97	72851	25.829	ug/L	#	93
31) Carbon tetrachloride	8.067	117	69037	25.861	ug/L		100
33) Benzene	8.323	78	160916	24.231	ug/L		100
34) Trichloroethene	9.091	95	45550	24.522	ug/L		88
35) Methylcyclohexane	9.335	83	74817	24.430	ug/L	#	85
37) 1,2-Dichloropropane	9.372	63	37857	24.494	ug/L	#	96
38) Bromodichloromethane	9.646	83	54902	24.753	ug/L	#	99
39) cis-1,3-Dichloropropene	10.073	75	62470	24.480	ug/L		99
40) 4-Methyl-2-pentanone	10.207	43	39952	43.430	ug/L	#	92
42) Toluene	10.390	91	183198	24.525	ug/L		98
44) trans-1,3-Dichloropropene	10.610	75	53581	23.891	ug/L		100
45) 1,1,2-Trichloroethane	10.786	97	28627	23.815	ug/L		95
46) Tetrachloroethene	10.859	164	43482	25.495	ug/L		96
48) 2-Hexanone	10.969	43	28402	44.572	ug/L	#	93
49) Dibromochloromethane	11.128	129	39279	23.702	ug/L		96
50) 1,2-Dibromoethane	11.237	107	28758	23.862	ug/L	#	97
51) Chlorobenzene	11.658	112	122988	24.755	ug/L		93
52) Ethylbenzene	11.731	91	204321	24.684	ug/L		95
53) m,p-Xylene	11.841	106	83396	24.678	ug/L		85
54) o-Xylene	12.164	106	78125	24.071	ug/L		96
55) Styrene	12.182	104	132019	24.497	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	31341	23.524	ug/L	#	96
59) Bromoform	12.347	173	22796	23.360	ug/L		99
60) Isopropylbenzene	12.463	105	218905	24.557	ug/L		94
61) 1,2,3-Trichloropropane	12.768	75	22347	23.278	ug/L	#	92
62) 1,3,5-Trimethylbenzene	12.944	105	184800	24.575	ug/L		93
63) 1,2,4-Trimethylbenzene	13.249	105	179880	24.244	ug/L		92
64) 1,3-Dichlorobenzene	13.499	146	107477	25.716	ug/L		95
65) 1,4-Dichlorobenzene	13.579	146	102554	24.326	ug/L		95
67) 1,2-Dichlorobenzene	13.871	146	88756	24.100	ug/L		95
68) 1,2-Dibromo-3-chloropr...	14.481	75	5139	22.391	ug/L	#	62
69) 1,3,5-Trichlorobenzene	14.627	180	78372	23.676	ug/L		98
70) 1,2,4-trichlorobenzene	15.127	180	62853	23.209	ug/L		99
71) Naphthalene	15.365	128	98742	22.377	ug/L		99
72) 1,2,3-Trichlorobenzene	15.554	180	53652	23.478	ug/L		94

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111621\
Data File : VW020901.D
Acq On : 16 Nov 2021 08:29
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10.00mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025493

Quant Time: Nov 17 00:23:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Nov 16 04:07:18 2021
Response via : Initial Calibration