Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090822\
Data File : VW024587.D
Acq On : 08 Sep 2022 14:26
Operator : SY/VA
Sample : VSTDCCC025EC
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025565

Quant Time: Sep 08 22:24:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM090622SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Sep 08 22:22:19 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	306120	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	322272	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	175956	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	177761	28.126	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 112.520%			
7) Chloroethane-d5	2.873	69	130388	27.746	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 111.000%			
11) 1,1-Dichloroethene-d2	4.007	63	146815	22.017	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 88.080%			
21) 2-Butanone-d5	7.074	46	46372	45.482	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 90.960%			
24) Chloroform-d	7.641	84	193231	24.784	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 99.120%			
26) 1,2-Dichloroethane-d4	8.299	65	113819	25.892	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 103.560%			
32) Benzene-d6	8.269	84	383621	24.200	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 96.800%			
36) 1,2-Dichloropropane-d6	9.269	67	108564	23.228	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 92.920%			
41) Toluene-d8	10.317	98	392860	25.421	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 101.680%			
43) trans-1,3-Dichloroprop...	10.573	79	52211	24.927	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 99.720%			
47) 2-Hexanone-d5	10.921	63	41957	48.838	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.680%			
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116470	25.999	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.000%			
66) 1,2-Dichlorobenzene-d4	13.847	152	141384	25.369	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 101.480%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.002	85	26886	18.339	ug/L	93
3) Chloromethane	2.215	50	113366	24.863	ug/L	98
5) Vinyl chloride	2.355	62	197393	25.679	ug/L	98
6) Bromomethane	2.770	94	124360	24.816	ug/L	96
8) Chloroethane	2.910	64	103543	24.759	ug/L	99
9) Trichlorofluoromethane	3.245	101	118735	26.717	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.038	101	82661	20.188	ug/L #	89
12) 1,1-Dichloroethene	4.026	96	70299	20.086	ug/L	91
13) Acetone	4.117	43	33567	38.695	ug/L	98
14) Carbon disulfide	4.373	76	175829	18.988	ug/L	97
15) Methyl Acetate	4.666	43	34643	18.894	ug/L	96
16) Methylene chloride	4.903	84	89441	19.581	ug/L	99
17) trans-1,2-Dichloroethene	5.416	96	86133	21.485	ug/L	91
18) Methyl tert-butyl Ether	5.422	73	151360	21.200	ug/L	98
19) 1,1-Dichloroethane	6.208	63	163763	22.452	ug/L	96
20) cis-1,2-Dichloroethene	7.159	96	100661	22.379	ug/L	98
22) 2-Butanone	7.171	43	58632	41.785	ug/L	92
23) Bromochloromethane	7.507	128	41757	20.277	ug/L #	80
25) Chloroform	7.671	83	188926	23.317	ug/L	98

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Quant Title : SFAM01.0
QLast Update : Thu Sep 08 22:22:19 2022
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) 1,2-Dichloroethane	8.397	62	132303	24.293	ug/L		100
29) Cyclohexane	7.946	56	140075	22.451	ug/L		100
30) 1,1,1-Trichloroethane	7.866	97	154649	21.881	ug/L		97
31) Carbon tetrachloride	8.061	117	137238	21.260	ug/L		96
33) Benzene	8.317	78	434544	23.757	ug/L		100
34) Trichloroethene	9.092	95	109375	22.895	ug/L		96
35) Methylcyclohexane	9.329	83	177322	23.200	ug/L		99
37) 1,2-Dichloropropane	9.366	63	104573	22.891	ug/L		100
38) Bromodichloromethane	9.640	83	151716	23.498	ug/L		96
39) cis-1,3-Dichloropropene	10.067	75	165983	24.850	ug/L		97
40) 4-Methyl-2-pentanone	10.207	43	136166	45.186	ug/L		99
42) Toluene	10.384	91	515865	25.582	ug/L		97
44) trans-1,3-Dichloropropene	10.604	75	157548	24.972	ug/L		98
45) 1,1,2-Trichloroethane	10.787	97	94129	24.654	ug/L		93
46) Tetrachloroethene	10.854	164	84378	23.971	ug/L		94
48) 2-Hexanone	10.969	43	99916	48.349	ug/L		98
49) Dibromochloromethane	11.122	129	109189	24.464	ug/L		95
50) 1,2-Dibromoethane	11.232	107	87187	23.529	ug/L		99
51) Chlorobenzene	11.652	112	341483	24.512	ug/L		93
52) Ethylbenzene	11.725	91	599704	26.193	ug/L		97
53) m,p-Xylene	11.835	106	236381	26.426	ug/L		92
54) o-Xylene	12.164	106	228712	26.856	ug/L		98
55) Styrene	12.177	104	412512	27.518	ug/L		93
57) 1,1,2,2-Tetrachloroethane	12.713	83	118320	24.479	ug/L		100
59) Bromoform	12.341	173	61140	23.905	ug/L		97
60) Isopropylbenzene	12.463	105	638553	26.803	ug/L		100
61) 1,2,3-Trichloropropane	12.768	75	84783	23.290	ug/L		97
62) 1,3,5-Trimethylbenzene	12.939	105	530764	26.829	ug/L		98
63) 1,2,4-Trimethylbenzene	13.249	105	522499	26.537	ug/L		99
64) 1,3-Dichlorobenzene	13.493	146	267759	24.944	ug/L		98
65) 1,4-Dichlorobenzene	13.579	146	281916	24.916	ug/L		90
67) 1,2-Dichlorobenzene	13.865	146	240972	24.072	ug/L		97
68) 1,2-Dibromo-3-chloropr...	14.475	75	18206	21.137	ug/L	#	75
69) 1,3,5-Trichlorobenzene	14.621	180	173385	24.868	ug/L		99
70) 1,2,4-trichlorobenzene	15.127	180	132461	23.942	ug/L		97
71) Naphthalene	15.359	128	287937	23.524	ug/L		99
72) 1,2,3-Trichlorobenzene	15.548	180	116511	22.636	ug/L		98

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

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