Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051122\
Data File : VW022966.D
Acq On : 11 May 2022 08:41
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTD025526

Quant Time: May 12 01:04:30 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	316772	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	308565	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	172667	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	114174	17.568	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 70.280%			
7) Chloroethane-d5	2.885	69	92179	21.801	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.200%			
11) 1,1-Dichloroethene-d2	4.019	63	167879	19.992	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 79.960%			
21) 2-Butanone-d5	7.074	46	57612	46.624	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 93.240%			
24) Chloroform-d	7.647	84	221523	23.869	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 95.480%			
26) 1,2-Dichloroethane-d4	8.305	65	116826	22.952	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	8.268	84	399677	22.472	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 89.880%			
36) 1,2-Dichloropropane-d6	9.268	67	118383	23.696	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.800%			
41) Toluene-d8	10.323	98	383150	22.301	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.200%			
43) trans-1,3-Dichloroprop...	10.573	79	50687	22.034	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 88.120%			
47) 2-Hexanone-d5	10.920	63	47297	49.592	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 99.180%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	118502	25.448	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	13.853	152	142279	23.572	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 94.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	30236	17.510	ug/L	91
3) Chloromethane	2.215	50	73703	22.087	ug/L	98
5) Vinyl chloride	2.361	62	146406	21.862	ug/L	100
6) Bromomethane	2.776	94	91281	21.229	ug/L	93
8) Chloroethane	2.922	64	78181	24.204	ug/L	97
9) Trichlorofluoromethane	3.257	101	76324	24.936	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	105794	23.116	ug/L	97
12) 1,1-Dichloroethene	4.038	96	90501	22.306	ug/L	95
13) Acetone	4.117	43	35632	38.515	ug/L	93
14) Carbon disulfide	4.379	76	206192	18.537	ug/L	99
15) Methyl Acetate	4.665	43	40319	21.693	ug/L #	84
16) Methylene chloride	4.909	84	104868	22.624	ug/L	96
17) trans-1,2-Dichloroethene	5.415	96	99178	21.723	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	166362	23.869	ug/L	99
19) 1,1-Dichloroethane	6.214	63	185083	23.918	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	115343	23.520	ug/L #	96
22) 2-Butanone	7.165	43	53073	41.021	ug/L	97
23) Bromochloromethane	7.513	128	50996	22.205	ug/L	95
25) Chloroform	7.671	83	209751	24.514	ug/L	97

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Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	133550	23.415	ug/L	100
29) Cyclohexane	7.951	56	151631	22.722	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	180749	24.787	ug/L	100
31) Carbon tetrachloride	8.067	117	161309	23.648	ug/L	98
33) Benzene	8.317	78	432333	23.784	ug/L	100
34) Trichloroethene	9.091	95	117981	23.600	ug/L	95
35) Methylcyclohexane	9.329	83	187220	22.797	ug/L	99
37) 1,2-Dichloropropane	9.366	63	106021	24.101	ug/L	99
38) Bromodichloromethane	9.640	83	153209	24.521	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	167869	24.611	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	125089	45.115	ug/L	99
42) Toluene	10.384	91	495253	24.311	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	151112	24.821	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	87675	23.842	ug/L	100
46) Tetrachloroethene	10.859	164	87893	23.395	ug/L	95
48) 2-Hexanone	10.969	43	85029	45.898	ug/L	98
49) Dibromochloromethane	11.128	129	105828	23.911	ug/L	91
50) 1,2-Dibromoethane	11.231	107	85309	23.103	ug/L	97
51) Chlorobenzene	11.652	112	325099	24.207	ug/L	97
52) Ethylbenzene	11.725	91	568513	25.085	ug/L	98
53) m,p-Xylene	11.835	106	223326	25.008	ug/L	96
54) o-Xylene	12.164	106	219128	25.571	ug/L	98
55) Styrene	12.176	104	372781	25.600	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	109980	23.945	ug/L	96
59) Bromoform	12.347	173	57851	23.642	ug/L	100
60) Isopropylbenzene	12.463	105	599424	25.341	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	78024	22.615	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	333339	25.330	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	505681	25.591	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	260111	24.629	ug/L	95
65) 1,4-Dichlorobenzene	13.579	146	267753	24.545	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	241690	25.009	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	15698	20.819	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	174328	24.867	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	135930	24.104	ug/L	97
71) Naphthalene	15.359	128	288030	23.500	ug/L	98
72) 1,2,3-Trichlorobenzene	15.548	180	121210	24.252	ug/L	97

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

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