Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052021\
Data File : BM030112.D
Acq On : 21 May 2021 11:15
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD020051

Manual Integrations APPROVED
mohammad
5/21/2021 3:39:01 PM

Quant Time: May 21 11:52:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 20 12:00:20 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	144807	20.00	ng/ul	0.00
20) Naphthalene-d8	10.28	136	648131	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.16	164	429024	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.91	188	830715	20.00	ng/ul	0.00
79) Chrysene-d12	21.10	240	685922	20.00	ng/ul	0.00
88) Perylene-d12	23.24	264	604214	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	29019	8.00	ng/uL	0.00
4) Pyridine-d5	3.45	84	154658	17.04	ng/ul	0.00
7) Phenol-d5	6.70	99	233466	17.34	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.86	67	154740	18.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.05	132	195436	18.80	ng/ul	0.00
15) 4-Methylphenol-d8	8.23	113	190206	17.08	ng/ul	0.00
21) Nitrobenzene-d5	8.67	128	89540	20.05	ng/ul	0.00
24) 2-Nitrophenol-d4	9.38	143	102898	20.41	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.92	165	189165	18.71	ng/ul	0.00
31) 4-Chloroaniline-d4	10.43	131	260688	16.95	ng/ul	0.00
46) Dimethylphthalate-d6	13.58	166	591489	17.79	ng/ul	0.00
49) Acenaphthylene-d8	13.85	160	766448	18.19	ng/ul	0.00
54) 4-Nitrophenol-d4	14.40	143	72571	13.40	ng/ul	0.00
60) Fluorene-d10	15.16	176	504701	17.88	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.30	200	93832	17.39	ng/ul	0.00
73) Anthracene-d10	17.01	188	760255	18.17	ng/ul	0.00
81) Pyrene-d10	19.31	212	757533	21.53	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.10	264	639093	18.66	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	29443	7.503	ng/uL	98
5) Pyridine	3.47	79	157582	16.923	ng/ul	97
6) Benzaldehyde	6.67	77	135900	19.550	ng/ul	98
8) Phenol	6.73	94	242657	17.650	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.95	93	186996	17.201	ng/ul	97
12) 2-Chlorophenol	7.08	128	200186	18.886	ng/ul	98
13) 2-Methylphenol	7.96	108	181663	17.439	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.05	45	334531	20.429	ng/ul	97
16) Acetophenone	8.34	105	302440	16.922	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.32	70	178998	19.575	ng/ul	96
18) 4-Methylphenol	8.29	108	195706	16.947	ng/ul	97
19) Hexachloroethane	8.56	117	87281	19.490	ng/ul	94
22) Nitrobenzene	8.71	77	234424	20.142	ng/ul	98
23) Isophorone	9.23	82	457604	18.589	ng/ul	98
25) 2-Nitrophenol	9.41	139	109249	19.961	ng/ul	97
26) 2,4-Dimethylphenol	9.48	107	235532	19.072	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.72	93	272488	18.899	ng/ul	98
29) 2,4-Dichlorophenol	9.95	162	184595	18.595	ng/ul	98
30) Naphthalene	10.33	128	662935	18.428	ng/ul	99
32) 4-Chloroaniline	10.46	127	255674	16.133	ng/ul	98
33) Hexachlorobutadiene	10.61	225	125627	18.874	ng/ul	97
34) Caprolactam	11.25	113	51784m	14.698	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.59	107	204240	18.591	ng/ul	99
36) 2-Methylnaphthalene	11.95	142	475348	18.215	ng/ul	100
37) 1-Methylnaphthalene	12.17	142	469668	18.160	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.33	216	240299	18.126	ng/ul	97
40) Hexachlorocyclopentadiene	12.30	237	114176	16.580	ng/ul	99
41) 2,4,6-Trichlorophenol	12.59	196	150188	18.577	ng/ul	98
42) 2,4,5-Trichlorophenol	12.66	196	152717	17.849	ng/ul	97
43) 1,1'-Biphenyl	12.99	154	613014	18.381	ng/ul	98
44) 2-Chloronaphthalene	13.03	162	469577	18.347	ng/ul	99
45) 2-Nitroaniline	13.25	65	131822	20.377	ng/ul	97
47) Dimethylphthalate	13.63	163	598880	17.985	ng/ul	100
48) 2,6-Dinitrotoluene	13.76	165	115776	19.369	ng/ul	98
50) Acenaphthylene	13.88	152	734360	18.018	ng/ul	99
51) 3-Nitroaniline	14.09	138	109752	16.344	ng/ul	95
52) Acenaphthene	14.23	153	516700	17.938	ng/ul	99
53) 2,4-Dinitrophenol	14.31	184	61651	15.159	ng/ul	87
55) 4-Nitrophenol	14.42	109	58393	14.022	ng/ul	98
56) Dibenzofuran	14.56	168	711951	18.046	ng/ul	98
57) 2,4-Dinitrotoluene	14.55	165	169703	19.186	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	14.80	232	144322	17.714	ng/ul	100
59) Diethylphthalate	15.00	149	620676	17.872	ng/ul	100
61) Fluorene	15.22	166	591848	17.548	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.22	204	295577	17.835	ng/ul	99
63) 4-Nitroaniline	15.26	138	102644m	15.420	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.32	198	92676	17.452	ng/ul	96
67) N-Nitrosodiphenylamine	15.43	169	504553	18.697	ng/ul	99
68) 4-Bromophenyl-phenylether	16.11	248	172405	18.645	ng/ul	96
69) Hexachlorobenzene	16.22	284	200523	18.262	ng/ul	95
70) Atrazine	16.39	200	171988	17.274	ng/ul	98
71) Pentachlorophenol	16.57	266	95413	15.165	ng/ul	99
72) Phenanthrene	16.95	178	881326	17.993	ng/ul	100
74) Anthracene	17.04	178	899149	17.955	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.95	216	260639	19.835	ng/uL	96
76) Pentachlorobenzene	14.48	250	238590	19.039	ng/uL	98
77) Carbazole	17.32	167	761711	16.601	ng/ul	99
78) Di-n-butylphthalate	17.89	149	973473	17.875	ng/ul	100
80) Fluoranthene	18.97	202	932908	21.784	ng/ul	98
82) Pyrene	19.34	202	965046	21.413	ng/ul	99
83) Butylbenzylphthalate	20.25	149	366004	22.852	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.03	252	274645	17.600	ng/ul	97
85) Benzo(a)anthracene	21.09	228	827213	18.484	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.03	149	545730	19.762	ng/ul	97
87) Chrysene	21.14	228	820909	18.417	ng/ul	99
89) Di-n-octyl phthalate	21.88	149	854623	18.484	ng/ul	100
90) Benzo(b)fluoranthene	22.60	252	773495	19.736	ng/ul	100
91) Benzo(k)fluoranthene	22.64	252	753852	18.296	ng/ul	99
93) Benzo(a)pyrene	23.15	252	668913	18.792	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.37	276	822491	19.091	ng/ul	99
95) Dibenzo(a,h)anthracene	25.37	278	705236	19.311	ng/ul	99
96) Benzo(g,h,i)perylene	26.01	276	685098	19.627	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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