Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
Data File : BF123906.D
Acq On : 11 May 2021 5:26
Operator : JU/CG
Sample : M2302-02MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
104-SB-2MSD

Manual Integrations APPROVED
mohammad
5/11/2021 4:16:32 PM

Quant Time: May 11 06:06:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 10 16:46:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.769	152	95458	20.00	ng		0.00
21) Naphthalene-d8	8.057	136	368696	20.00	ng		0.00
39) Acenaphthene-d10	9.810	164	191144	20.00	ng		0.00
64) Phenanthrene-d10	11.292	188	353932	20.00	ng		0.00
76) Chrysene-d12	13.933	240	210913	20.00	ng	#	0.00
86) Perylene-d12	15.368	264	185488	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.398	112	397347	60.79	ng		0.00
7) Phenol-d6	6.416	99	310537	35.60	ng		0.00
23) Nitrobenzene-d5	7.339	82	833456	93.83	ng		0.00
42) 2,4,6-Tribromophenol	10.604	330	358165	127.21	ng		0.00
45) 2-Fluorobiphenyl	9.133	172	1325982	86.57	ng		0.00
79) Terphenyl-d14	12.880	244	1217456	94.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.516	88	52668	15.32	ng	#	92
3) Pyridine	3.251	79	85278	12.20	ng		96
4) n-Nitrosodimethylamine	3.181	42	108525	19.85	ng	#	80
6) Aniline	6.434	93	173265	18.24	ng	#	72
8) 2-Chlorophenol	6.557	128	278573	40.82	ng		99
9) Benzaldehyde	6.322	77	311671	82.91	ng		98
10) Phenol	6.428	94	142560	15.40	ng	#	44
11) bis(2-Chloroethyl)ether	6.504	93	316349	51.29	ng		96
12) 1,3-Dichlorobenzene	6.710	146	292112	41.35	ng		97
13) 1,4-Dichlorobenzene	6.786	146	305458	43.21	ng		97
14) 1,2-Dichlorobenzene	6.939	146	293547	43.06	ng		97
15) Benzyl Alcohol	6.916	79	202482	28.69	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.051	45	680384	49.87	ng		91
17) 2-Methylphenol	7.039	107	194208	34.02	ng	#	85
18) Hexachloroethane	7.281	117	123067	42.41	ng		95
19) n-Nitroso-di-n-propyla...	7.192	70	285601	53.46	ng		92
20) 3+4-Methylphenols	7.192	107	225348	30.08	ng	#	86
22) Acetophenone	7.181	105	558655	51.25	ng		96
24) Nitrobenzene	7.357	77	429568	47.35	ng		90
25) Isophorone	7.598	82	719103	47.05	ng		98
26) 2-Nitrophenol	7.675	139	162441	44.80	ng	#	91
27) 2,4-Dimethylphenol	7.716	122	247531	44.40	ng		98
28) bis(2-Chloroethoxy)met...	7.810	93	394606	53.43	ng		99
29) 2,4-Dichlorophenol	7.922	162	250295	44.06	ng		95
30) 1,2,4-Trichlorobenzene	7.998	180	266174	43.74	ng		98
31) Naphthalene	8.075	128	892464	43.75	ng		99
32) Benzoic acid	7.716	122	247531	79.23	ng	#	16
33) 4-Chloroaniline	8.127	127	136082	16.57	ng		98
34) Hexachlorobutadiene	8.192	225	165109	40.41	ng		100
35) Caprolactam	8.510	113	11287	6.12	ng	#	79
36) 4-Chloro-3-methylphenol	8.616	107	301000	41.34	ng		97
37) 2-Methylnaphthalene	8.769	142	619657	46.87	ng		97
38) 1-Methylnaphthalene	8.869	142	563675	44.22	ng		99
40) 1,2,4,5-Tetrachloroben...	8.939	216	291796	44.50	ng		99
41) Hexachlorocyclopentadiene	8.922	237	240312	81.05	ng		99
43) 2,4,6-Trichlorophenol	9.051	196	182914	41.05	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	195483	43.78	ng		98
46) 1,1'-Biphenyl	9.233	154	800120	47.09	ng		99
47) 2-Chloronaphthalene	9.257	162	580466	44.84	ng		97
48) 2-Nitroaniline	9.357	65	271220	47.91	ng		86
49) Acenaphthylene	9.674	152	952975	46.05	ng		100
50) Dimethylphthalate	9.545	163	796868	54.94	ng		98
51) 2,6-Dinitrotoluene	9.604	165	151341	46.28	ng		96
52) Acenaphthene	9.845	154	575665	45.85	ng		98
53) 3-Nitroaniline	9.769	138	95620	25.83	ng		98
54) 2,4-Dinitrophenol	9.880	184	25312	16.17	ng	#	82
55) Dibenzofuran	10.016	168	881222	45.64	ng		97
56) 4-Nitrophenol	9.945	139	48606	18.95	ng	#	64
57) 2,4-Dinitrotoluene	10.004	165	208711	46.36	ng	#	73
58) Fluorene	10.363	166	715590	47.24	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.139	232	146599	40.30	ng		99
60) Diethylphthalate	10.239	149	750210	50.14	ng		99
61) 4-Chlorophenyl-phenyle...	10.351	204	340988	47.77	ng		98
62) 4-Nitroaniline	10.386	138	143083	37.25	ng	#	70
63) Azobenzene	10.510	77	776337	46.56	ng		90
65) 4,6-Dinitro-2-methylph...	10.416	198	36209	16.79	ng		94
66) n-Nitrosodiphenylamine	10.474	169	584236	49.78	ng		99
67) 4-Bromophenyl-phenylether	10.839	248	206679	54.56	ng		93
68) Hexachlorobenzene	10.910	284	244190	53.75	ng		97
69) Atrazine	11.004	200	187273	55.49	ng		99
70) Pentachlorophenol	11.104	266	144471	72.80	ng		98
71) Phenanthrene	11.321	178	952102	47.12	ng		99
72) Anthracene	11.374	178	978619	48.67	ng		99
73) Carbazole	11.527	167	877228	44.58	ng		98
74) Di-n-butylphthalate	11.857	149	1070084	51.55	ng		99
75) Fluoranthene	12.510	202	996831	43.79	ng		96
77) Benzidine	12.627	184	187967	42.54	ng		98
78) Pyrene	12.739	202	984293	53.05	ng		99
80) Butylbenzylphthalate	13.357	149	368500	56.29	ng		92
81) Benzo(a)anthracene	13.921	228	655800	46.77	ng		97
82) 3,3'-Dichlorobenzidine	13.886	252	142210	35.73	ng		99
83) Chrysene	13.962	228	633809	46.90	ng		99
84) Bis(2-ethylhexyl)phtha...	13.915	149	439790	56.40	ng		97
85) Di-n-octyl phthalate	14.527	149	601031	55.76	ng		98
87) Indeno(1,2,3-cd)pyrene	16.798	276	656889	49.68	ng	#	95
88) Benzo(b)fluoranthene	14.962	252	612266m	47.92	ng		
89) Benzo(k)fluoranthene	14.992	252	561076	47.60	ng	#	96
90) Benzo(a)pyrene	15.315	252	548466	49.19	ng	#	96
91) Dibenzo(a,h)anthracene	16.809	278	558282	50.73	ng		97
92) Benzo(g,h,i)perylene	17.227	276	546953	46.82	ng	#	96

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

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