Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
Data File : BF123989.D
Acq On : 19 May 2021 14:32
Operator : JU/CG
Sample : M2433-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GPLDMSD

Manual Integrations APPROVED
mohammad
5/20/2021 11:34:50 AM

Quant Time: May 19 16:45:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	38156	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	159449	20.00	ng		0.00
39) Acenaphthene-d10	9.945	164	94977	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	166132	20.00	ng		0.00
76) Chrysene-d12	14.074	240	111551	20.00	ng		0.00
86) Perylene-d12	15.568	264	100813	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	280375	103.17	ng		0.01
7) Phenol-d6	6.528	99	368943	104.65	ng		0.00
23) Nitrobenzene-d5	7.469	82	263207	71.12	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	120894	105.98	ng		0.01
45) 2-Fluorobiphenyl	9.269	172	473171	61.31	ng		0.00
79) Terphenyl-d14	13.016	244	461440	62.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	46589	39.04	ng		99
3) Pyridine	3.481	79	116029	37.67	ng		92
4) n-Nitrosodimethylamine	3.434	42	88778	44.37	ng		81
6) Aniline	6.563	93	83948	20.97	ng		89
8) 2-Chlorophenol	6.687	128	129495	45.79	ng		99
9) Benzaldehyde	6.451	77	103081	67.57	ng		89
10) Phenol	6.545	94	171000	47.99	ng		94
11) bis(2-Chloroethyl)ether	6.640	93	121440	43.85	ng		99
12) 1,3-Dichlorobenzene	6.845	146	143200	43.46	ng		95
13) 1,4-Dichlorobenzene	6.922	146	147214	43.67	ng		96
14) 1,2-Dichlorobenzene	7.075	146	144442	45.86	ng		95
15) Benzyl Alcohol	7.045	79	139665	45.87	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.181	45	240533	43.15	ng		97
17) 2-Methylphenol	7.157	107	108172	47.17	ng		97
18) Hexachloroethane	7.422	117	54610	43.71	ng	#	86
19) n-Nitroso-di-n-propyla...	7.316	70	108575	45.58	ng		97
20) 3+4-Methylphenols	7.304	107	145934	48.31	ng	#	85
22) Acetophenone	7.316	105	189480	41.85	ng	#	97
24) Nitrobenzene	7.487	77	156856	41.45	ng		94
25) Isophorone	7.728	82	268848	37.76	ng		98
26) 2-Nitrophenol	7.804	139	71654	50.34	ng		96
27) 2,4-Dimethylphenol	7.839	122	121719	44.66	ng		89
28) bis(2-Chloroethoxy)met...	7.934	93	157407	43.97	ng		96
29) 2,4-Dichlorophenol	8.045	162	114697	41.58	ng		94
30) 1,2,4-Trichlorobenzene	8.134	180	122928	39.63	ng		98
31) Naphthalene	8.216	128	382703	40.56	ng		98
32) Benzoic acid	7.957	122	72142	48.23	ng		95
33) 4-Chloroaniline	8.257	127	14375	4.00	ng		95
34) Hexachlorobutadiene	8.328	225	77065	37.95	ng		94
35) Caprolactam	8.628	113	37575m	50.02	ng		
36) 4-Chloro-3-methylphenol	8.739	107	128787	42.69	ng		90
37) 2-Methylnaphthalene	8.904	142	261067	40.82	ng		96
38) 1-Methylnaphthalene	9.004	142	247421	41.46	ng		99
40) 1,2,4,5-Tetrachloroben...	9.069	216	133802	39.06	ng		98
41) Hexachlorocyclopentadiene	9.057	237	139178	63.88	ng		97
43) 2,4,6-Trichlorophenol	9.181	196	86210	38.79	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	93208	40.37	ng		100
46) 1,1'-Biphenyl	9.369	154	332534	39.75	ng		99
47) 2-Chloronaphthalene	9.392	162	251977	37.92	ng		98
48) 2-Nitroaniline	9.486	65	104266	46.47	ng		94
49) Acenaphthylene	9.810	152	400482	40.79	ng		98
50) Dimethylphthalate	9.669	163	375671	49.53	ng		100
51) 2,6-Dinitrotoluene	9.728	165	70286	45.83	ng		89
52) Acenaphthene	9.980	154	297736	44.30	ng		94
53) 3-Nitroaniline	9.892	138	32185	21.12	ng		91
54) 2,4-Dinitrophenol	10.004	184	68320	82.61	ng		87
55) Dibenzofuran	10.157	168	376497	39.01	ng		97
56) 4-Nitrophenol	10.057	139	113596	90.10	ng		93
57) 2,4-Dinitrotoluene	10.133	165	93038	49.46	ng	#	94
58) Fluorene	10.498	166	294425	40.48	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.269	232	74345	39.15	ng	#	95
60) Diethylphthalate	10.369	149	309709	41.23	ng		95
61) 4-Chlorophenyl-phenyle...	10.486	204	144796	39.73	ng		97
62) 4-Nitroaniline	10.510	138	63072	41.60	ng		88
63) Azobenzene	10.645	77	322592	38.62	ng		92
65) 4,6-Dinitro-2-methylph...	10.539	198	44337	42.17	ng		78
66) n-Nitrosodiphenylamine	10.604	169	258801	40.77	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	88301	40.44	ng	#	87
68) Hexachlorobenzene	11.045	284	100995	41.44	ng		96
69) Atrazine	11.133	200	85383	47.62	ng		97
70) Pentachlorophenol	11.239	266	110342	76.36	ng		96
71) Phenanthrene	11.463	178	436810	41.49	ng		99
72) Anthracene	11.510	178	441786	41.41	ng		97
73) Carbazole	11.663	167	348792	37.37	ng		97
74) Di-n-butylphthalate	11.992	149	446324	38.21	ng		99
75) Fluoranthene	12.651	202	420393	38.56	ng		98
77) Benzidine	12.763	184	114274m	42.46	ng		
78) Pyrene	12.880	202	413848	41.79	ng		98
80) Butylbenzylphthalate	13.492	149	155866	40.13	ng		94
81) Benzo(a)anthracene	14.068	228	325822	40.39	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	44938	17.93	ng	#	95
83) Chrysene	14.104	228	307281	39.60	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	211205	38.54	ng	#	97
85) Di-n-octyl phthalate	14.668	149	337507	40.74	ng		100
87) Indeno(1,2,3-cd)pyrene	17.080	276	261136	33.54	ng	#	95
88) Benzo(b)fluoranthene	15.133	252	314539	40.33	ng	#	98
89) Benzo(k)fluoranthene	15.163	252	297323	41.83	ng		98
90) Benzo(a)pyrene	15.510	252	287377	42.63	ng		98
91) Dibenzo(a,h)anthracene	17.098	278	216638	33.04	ng	#	97
92) Benzo(g,h,i)perylene	17.539	276	208608	31.73	ng		96

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

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