Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042021\
Data File : BF123649.D
Acq On : 20 Apr 2021 18:34
Operator : JU/CG
Sample : M2070-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JGD-3150-D3550-AMSD

Manual Integrations APPROVED
mohammad
4/21/2021 11:25:24 AM

Quant Time: Apr 21 01:20:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	260138	20.00	ng		0.00
21) Naphthalene-d8	8.140	136	1029922	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	523917	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	987305	20.00	ng		0.00
76) Chrysene-d12	14.033	240	606120	20.00	ng		0.00
86) Perylene-d12	15.510	264	549900	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1988643	123.56	ng		0.02
7) Phenol-d6	6.493	99	2447432	109.73	ng		0.00
23) Nitrobenzene-d5	7.416	82	2061794	92.03	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	858759	144.75	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	3121582	88.82	ng		0.00
79) Terphenyl-d14	12.980	244	3325423	106.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.763	88	357641	42.53	ng	#	78
3) Pyridine	3.475	79	644137	31.33	ng		91
4) n-Nitrosodimethylamine	3.405	42	576556	47.32	ng		95
6) Aniline	6.516	93	302850	11.54	ng	#	59
8) 2-Chlorophenol	6.640	128	890635	51.52	ng		97
9) Benzaldehyde	6.398	77	175070	12.02	ng		99
10) Phenol	6.510	94	1023707	43.22	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	909879	51.66	ng		99
12) 1,3-Dichlorobenzene	6.793	146	821033	46.20	ng		98
13) 1,4-Dichlorobenzene	6.869	146	847103	46.97	ng		98
14) 1,2-Dichlorobenzene	7.022	146	815197	48.10	ng		98
15) Benzyl Alcohol	6.998	79	930424	52.87	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.128	45	1966359	49.46	ng		96
17) 2-Methylphenol	7.116	107	747416	50.31	ng		94
18) Hexachloroethane	7.369	117	347370	48.31	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	716610	48.50	ng		98
20) 3+4-Methylphenols	7.263	107	894952	47.22	ng	#	78
22) Acetophenone	7.263	105	1343025	47.02	ng		92
24) Nitrobenzene	7.440	77	1100245	46.64	ng		100
25) Isophorone	7.675	82	2073075	47.70	ng		100
26) 2-Nitrophenol	7.751	139	468907	58.17	ng		99
27) 2,4-Dimethylphenol	7.792	122	815642	54.83	ng		96
28) bis(2-Chloroethoxy)met...	7.887	93	1178521	54.03	ng		99
29) 2,4-Dichlorophenol	7.998	162	711382	49.11	ng		99
30) 1,2,4-Trichlorobenzene	8.081	180	728363	46.80	ng		99
31) Naphthalene	8.163	128	2469739	46.55	ng		100
32) Benzoic acid	7.928	122	581748	57.76	ng		98
33) 4-Chloroaniline	8.204	127	142162	6.52	ng		97
34) Hexachlorobutadiene	8.281	225	437595	44.81	ng		99
35) Caprolactam	8.587	113	223304m	44.16	ng		
36) 4-Chloro-3-methylphenol	8.698	107	934081	49.73	ng		95
37) 2-Methylnaphthalene	8.851	142	1666732	47.91	ng		98
38) 1-Methylnaphthalene	8.951	142	1525089	46.34	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	719528	49.76	ng		98
41) Hexachlorocyclopentadiene	9.010	237	801811	106.71	ng		96
43) 2,4,6-Trichlorophenol	9.134	196	531350	54.15	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	581592	54.22	ng		98
46) 1,1'-Biphenyl	9.322	154	2021875	49.31	ng		100
47) 2-Chloronaphthalene	9.345	162	1500612	48.63	ng		98
48) 2-Nitroaniline	9.439	65	704365	54.79	ng		95
49) Acenaphthylene	9.763	152	2576402	51.04	ng		98
50) Dimethylphthalate	9.622	163	1896745	52.40	ng		98
51) 2,6-Dinitrotoluene	9.681	165	410671	51.68	ng		95
52) Acenaphthene	9.934	154	1813734m	56.00	ng		
53) 3-Nitroaniline	9.851	138	225922	24.51	ng		91
54) 2,4-Dinitrophenol	9.957	184	467863	134.06	ng		92
55) Dibenzofuran	10.104	168	2179850	46.92	ng		98
56) 4-Nitrophenol	10.028	139	670137	94.89	ng		96
57) 2,4-Dinitrotoluene	10.086	165	562424	53.00	ng	#	82
58) Fluorene	10.451	166	1737335	47.58	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	455626	53.34	ng		99
60) Diethylphthalate	10.322	149	1984837	50.09	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	818687	48.57	ng		99
62) 4-Nitroaniline	10.469	138	440648	47.34	ng		97
63) Azobenzene	10.598	77	2116438	47.15	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	281815	54.71	ng		85
66) n-Nitrosodiphenylamine	10.563	169	1550149	49.05	ng		99
67) 4-Bromophenyl-phenylether	10.933	248	525609	50.92	ng		94
68) Hexachlorobenzene	10.998	284	583480	50.16	ng		99
69) Atrazine	11.092	200	476609	48.39	ng		99
70) Pentachlorophenol	11.192	266	668408	109.98	ng		98
71) Phenanthrene	11.416	178	2487754	48.28	ng		99
72) Anthracene	11.463	178	2517363	48.88	ng		99
73) Carbazole	11.622	167	2388124	46.46	ng		99
74) Di-n-butylphthalate	11.951	149	3124946	50.23	ng		100
75) Fluoranthene	12.604	202	2551475	45.06	ng		98
77) Benzidine	12.722	184	34384	2.09	ng		97
78) Pyrene	12.833	202	2575720	58.23	ng		99
80) Butylbenzylphthalate	13.451	149	1243866	59.84	ng		99
81) Benzo(a)anthracene	14.021	228	1827563	49.20	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	332978	28.06	ng		98
83) Chrysene	14.063	228	1793949	48.10	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	1587664	57.44	ng		100
85) Di-n-octyl phthalate	14.627	149	2515128	56.54	ng		99
87) Indeno(1,2,3-cd)pyrene	16.998	276	2028526	69.14	ng		98
88) Benzo(b)fluoranthene	15.080	252	1726407	44.47	ng		97
89) Benzo(k)fluoranthene	15.110	252	1605617	46.21	ng		99
90) Benzo(a)pyrene	15.451	252	1478561	47.88	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1651269	66.54	ng		99
92) Benzo(g,h,i)perylene	17.451	276	1693422	63.74	ng		97

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

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