Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123621.D
Acq On : 19 Apr 2021 14:24
Operator : JU/CG
Sample : M2070-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
4/21/2021 8:34:33 AM

Quant Time: Apr 19 14:50:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 10:31:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.863	152	242166	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	928374	20.00	ng		0.00
39) Acenaphthene-d10	9.910	164	465993	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	919180	20.00	ng		0.00
76) Chrysene-d12	14.045	240	589816	20.00	ng		#-0.01
86) Perylene-d12	15.527	264	519772	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	700036	46.72	ng		0.01
7) Phenol-d6	6.504	99	1483020	71.43	ng		0.00
23) Nitrobenzene-d5	7.428	82	1427837	70.70	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	190034	36.01	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	1992265	63.73	ng		-0.01
79) Terphenyl-d14	12.986	244	1791644	59.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	337036	43.06	ng		99
3) Pyridine	3.428	79	891048	46.55	ng		97
4) n-Nitrosodimethylamine	3.387	42	558973	49.28	ng		98
6) Aniline	6.522	93	549982	22.50	ng	#	12
8) 2-Chlorophenol	6.651	128	787647	48.94	ng		96
9) Benzaldehyde	6.410	77	577228	42.58	ng		96
10) Phenol	6.516	94	1083473	49.14	ng		92
11) bis(2-Chloroethyl)ether	6.598	93	789037	48.13	ng		98
12) 1,3-Dichlorobenzene	6.804	146	785261	47.46	ng		99
13) 1,4-Dichlorobenzene	6.881	146	792199	47.18	ng		100
14) 1,2-Dichlorobenzene	7.034	146	755869	47.91	ng		96
15) Benzyl Alcohol	7.010	79	825448	50.39	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.139	45	1749113	47.26	ng		97
17) 2-Methylphenol	7.128	107	689032	49.83	ng		94
18) Hexachloroethane	7.381	117	324035	48.41	ng		97
19) n-Nitroso-di-n-propyla...	7.281	70	624916	45.44	ng		98
20) 3+4-Methylphenols	7.275	107	840209	47.62	ng	#	79
22) Acetophenone	7.275	105	1198474	46.55	ng	#	91
24) Nitrobenzene	7.445	77	981734	46.17	ng		94
25) Isophorone	7.686	82	1803070	46.02	ng		99
26) 2-Nitrophenol	7.763	139	419716	57.76	ng		98
27) 2,4-Dimethylphenol	7.804	122	722275	53.87	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	1009162	51.33	ng		99
29) 2,4-Dichlorophenol	8.010	162	626271	47.97	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	646233	46.06	ng		99
31) Naphthalene	8.175	128	2207948	46.17	ng		99
32) Benzoic acid	7.928	122	485009	53.76	ng		92
33) 4-Chloroaniline	8.216	127	133261	6.79	ng		96
34) Hexachlorobutadiene	8.292	225	397659	45.17	ng		99
35) Caprolactam	8.604	113	229251m	50.30	ng		
36) 4-Chloro-3-methylphenol	8.710	107	831763	49.12	ng		95
37) 2-Methylnaphthalene	8.869	142	1465212	46.73	ng		98
38) 1-Methylnaphthalene	8.963	142	1354496	45.65	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	629988	48.98	ng		99
41) Hexachlorocyclopentadiene	9.022	237	766913	114.75	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	454536	52.08	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	482316	50.55	ng		96
46) 1,1'-Biphenyl	9.333	154	1786912	49.00	ng		99
47) 2-Chloronaphthalene	9.357	162	1317151	47.99	ng		98
48) 2-Nitroaniline	9.451	65	606468	53.04	ng		93
49) Acenaphthylene	9.775	152	2295973	51.14	ng		99
50) Dimethylphthalate	9.633	163	1628613	50.59	ng		100
51) 2,6-Dinitrotoluene	9.692	165	353385	50.00	ng		97
52) Acenaphthene	9.945	154	1412047	49.02	ng		99
53) 3-Nitroaniline	9.857	138	134985	16.47	ng		87
54) 2,4-Dinitrophenol	9.969	184	414775	133.62	ng		91
55) Dibenzofuran	10.122	168	1946997	47.12	ng		98
56) 4-Nitrophenol	10.039	139	636045	101.25	ng		89
57) 2,4-Dinitrotoluene	10.098	165	495508	52.50	ng	#	86
58) Fluorene	10.463	166	1518409	46.75	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	400486	52.71	ng		99
60) Diethylphthalate	10.333	149	1696793	48.14	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	706700	47.14	ng		96
62) 4-Nitroaniline	10.480	138	404395	48.84	ng		93
63) Azobenzene	10.616	77	1873363	46.92	ng		100
65) 4,6-Dinitro-2-methylph...	10.510	198	255711	53.32	ng	#	78
66) n-Nitrosodiphenylamine	10.575	169	1364545	46.37	ng		98
67) 4-Bromophenyl-phenylether	10.945	248	454992	47.35	ng		98
68) Hexachlorobenzene	11.010	284	510601	47.14	ng		95
69) Atrazine	11.104	200	447970	48.85	ng		97
70) Pentachlorophenol	11.210	266	566917	100.19	ng		98
71) Phenanthrene	11.427	178	2209503	46.06	ng		99
72) Anthracene	11.480	178	2237911	46.68	ng		100
73) Carbazole	11.633	167	2111751	44.13	ng		98
74) Di-n-butylphthalate	11.963	149	2632218	45.45	ng		100
75) Fluoranthene	12.616	202	2338858	44.36	ng		100
77) Benzidine	12.733	184	876217	54.65	ng		99
78) Pyrene	12.845	202	2319350	53.88	ng		99
80) Butylbenzylphthalate	13.463	149	1014998	50.18	ng		99
81) Benzo(a)anthracene	14.039	228	1685463	46.63	ng		100
82) 3,3'-Dichlorobenzidine	13.998	252	200278	17.35	ng		98
83) Chrysene	14.074	228	1619802	44.63	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1189109	44.21	ng		98
85) Di-n-octyl phthalate	14.645	149	1868126	43.16	ng		100
87) Indeno(1,2,3-cd)pyrene	17.027	276	1735079	62.57	ng		98
88) Benzo(b)fluoranthene	15.098	252	1520924	41.44	ng		99
89) Benzo(k)fluoranthene	15.127	252	1435252	43.62	ng		99
90) Benzo(a)pyrene	15.468	252	1340896	45.94	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	1414775	60.32	ng		99
92) Benzo(g,h,i)perylene	17.480	276	1446298	59.10	ng		97

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

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