Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
Data File : BF123828.D
Acq On : 5 May 2021 15:28
Operator : JU/CG
Sample : M2275-09MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CRT-020MS

Manual Integrations APPROVED
mohammad
5/6/2021 4:50:49 PM

Quant Time: May 05 15:53:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	239746	20.00	ng		0.00
21) Naphthalene-d8	8.081	136	964234	20.00	ng		# 0.00
39) Acenaphthene-d10	9.839	164	488315	20.00	ng		0.00
64) Phenanthrene-d10	11.327	188	882044	20.00	ng		0.00
76) Chrysene-d12	13.974	240	530096	20.00	ng		0.00
86) Perylene-d12	15.427	264	504109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	1723632	113.90	ng		0.01
7) Phenol-d6	6.445	99	2291748	109.94	ng		0.00
23) Nitrobenzene-d5	7.363	82	1609710	75.36	ng		0.00
42) 2,4,6-Tribromophenol	10.633	330	659295	108.46	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	2362106	70.45	ng		0.00
79) Terphenyl-d14	12.916	244	2162705	78.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.522	88	349899	42.92	ng		97
3) Pyridine	3.263	79	864897	43.41	ng		87
4) n-Nitrosodimethylamine	3.210	42	556300	50.69	ng	#	96
6) Aniline	6.457	93	623550	25.86	ng	#	1
8) 2-Chlorophenol	6.587	128	851179	52.29	ng		96
9) Benzaldehyde	6.345	77	715989	70.96	ng		100
10) Phenol	6.457	94	1098875	49.07	ng		86
11) bis(2-Chloroethyl)ether	6.534	93	841980	51.50	ng		97
12) 1,3-Dichlorobenzene	6.734	146	799371	48.60	ng		99
13) 1,4-Dichlorobenzene	6.816	146	817000	49.10	ng		95
14) 1,2-Dichlorobenzene	6.963	146	784151	48.53	ng		97
15) Benzyl Alcohol	6.945	79	848817	51.94	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.075	45	1717962	49.41	ng		93
17) 2-Methylphenol	7.063	107	724857	52.25	ng		93
18) Hexachloroethane	7.310	117	335726	50.97	ng		98
19) n-Nitroso-di-n-propyla...	7.216	70	641273	49.82	ng		98
20) 3+4-Methylphenols	7.216	107	881454	49.93	ng	#	88
22) Acetophenone	7.210	105	1253646	47.83	ng	#	98
24) Nitrobenzene	7.381	77	1012565	45.51	ng		95
25) Isophorone	7.622	82	1787579	44.63	ng		99
26) 2-Nitrophenol	7.698	139	444581	48.96	ng		97
27) 2,4-Dimethylphenol	7.745	122	758332	53.17	ng		95
28) bis(2-Chloroethoxy)met...	7.834	93	1052322	51.56	ng		99
29) 2,4-Dichlorophenol	7.945	162	666443	47.41	ng		97
30) 1,2,4-Trichlorobenzene	8.022	180	684758	46.48	ng		98
31) Naphthalene	8.104	128	2283528	45.99	ng		99
32) Benzoic acid	7.886	122	535014	53.88	ng		93
33) 4-Chloroaniline	8.151	127	116103	5.60	ng	#	91
34) Hexachlorobutadiene	8.222	225	402067	44.78	ng		98
35) Caprolactam	8.539	113	253105m	51.28	ng		
36) 4-Chloro-3-methylphenol	8.651	107	870465	49.63	ng		92
37) 2-Methylnaphthalene	8.798	142	1524747	47.12	ng		97
38) 1-Methylnaphthalene	8.898	142	1406072	46.23	ng		99
40) 1,2,4,5-Tetrachloroben...	8.963	216	673582	46.87	ng		100
41) Hexachlorocyclopentadiene	8.951	237	651069	103.83	ng		99
43) 2,4,6-Trichlorophenol	9.081	196	472124	47.70	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	512214	48.23	ng		98
46) 1,1'-Biphenyl	9.263	154	1845737	46.14	ng		99
47) 2-Chloronaphthalene	9.286	162	1407008	46.65	ng		99
48) 2-Nitroaniline	9.386	65	622326	46.83	ng		97
49) Acenaphthylene	9.704	152	2293628	47.11	ng		99
50) Dimethylphthalate	9.569	163	1763374	51.27	ng		100
51) 2,6-Dinitrotoluene	9.628	165	369797	46.51	ng		98
52) Acenaphthene	9.875	154	1340752	45.20	ng		98
53) 3-Nitroaniline	9.792	138	175934	18.53	ng		100
54) 2,4-Dinitrophenol	9.904	184	396358	93.85	ng		93
55) Dibenzofuran	10.051	168	1972191	43.96	ng		96
56) 4-Nitrophenol	9.975	139	638458	92.30	ng		96
57) 2,4-Dinitrotoluene	10.033	165	507042	46.77	ng	#	88
58) Fluorene	10.392	166	1564872	45.39	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	402506	47.87	ng		99
60) Diethylphthalate	10.269	149	1718986	46.95	ng		98
61) 4-Chlorophenyl-phenyle...	10.380	204	741254	46.13	ng		97
62) 4-Nitroaniline	10.416	138	406787	43.23	ng		99
63) Azobenzene	10.545	77	1879958	44.67	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	254389	46.55	ng	#	81
66) n-Nitrosodiphenylamine	10.504	169	1403158	48.63	ng		99
67) 4-Bromophenyl-phenylether	10.875	248	453468	48.82	ng		95
68) Hexachlorobenzene	10.939	284	519260	49.11	ng		99
69) Atrazine	11.033	200	444888	51.00	ng		96
70) Pentachlorophenol	11.139	266	531649	98.67	ng		97
71) Phenanthrene	11.357	178	2180232	47.12	ng		100
72) Anthracene	11.410	178	2220938	48.28	ng		100
73) Carbazole	11.563	167	2079540	44.73	ng		99
74) Di-n-butylphthalate	11.892	149	2530477	48.48	ng		100
75) Fluoranthene	12.545	202	2229986	44.19	ng		98
77) Benzidine	12.663	184	970878	70.73	ng		99
78) Pyrene	12.774	202	2220286	53.96	ng		100
80) Butylbenzylphthalate	13.392	149	933776	53.12	ng		100
81) Benzo(a)anthracene	13.963	228	1512342	47.08	ng		100
82) 3,3'-Dichlorobenzidine	13.921	252	248941	25.24	ng	#	95
83) Chrysene	14.004	228	1561817	48.33	ng		99
84) Bis(2-ethylhexyl)phtha...	13.957	149	1122304	51.39	ng		99
85) Di-n-octyl phthalate	14.568	149	1818067	52.07	ng		98
87) Indeno(1,2,3-cd)pyrene	16.874	276	1637498	55.77	ng		98
88) Benzo(b)fluoranthene	15.010	252	1520853m	44.77	ng		
89) Benzo(k)fluoranthene	15.039	252	1407183	43.40	ng		100
90) Benzo(a)pyrene	15.368	252	1432544	49.31	ng		97
91) Dibenzo(a,h)anthracene	16.892	278	1357797	54.78	ng		97
92) Benzo(g,h,i)perylene	17.321	276	1389906	55.99	ng		98

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

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