Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123794.D
Acq On : 3 May 2021 23:21
Operator : JU/CG
Sample : M2235-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-043021MS

Manual Integrations APPROVED
mohammad
5/4/2021 2:58:15 PM

Quant Time: May 04 00:58:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 16:30:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.810	152	246827	20.00	ng		0.00
21) Naphthalene-d8	8.098	136	916339	20.00	ng		0.00
39) Acenaphthene-d10	9.851	164	402312	20.00	ng		0.00
64) Phenanthrene-d10	11.339	188	639780	20.00	ng		0.00
76) Chrysene-d12	13.980	240	431814	20.00	ng		0.00
86) Perylene-d12	15.439	264	356955	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1684027	108.09	ng		0.02
7) Phenol-d6	6.457	99	2210268	102.98	ng		0.01
23) Nitrobenzene-d5	7.375	82	1564803	77.09	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	494650	98.77	ng		0.00
45) 2-Fluorobiphenyl	9.175	172	2078452	75.24	ng		0.00
79) Terphenyl-d14	12.921	244	1472676	65.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.622	88	368942	43.96	ng		98
3) Pyridine	3.352	79	874238	42.62	ng		94
4) n-Nitrosodimethylamine	3.310	42	597429	52.88	ng		97
6) Aniline	6.469	93	387530	15.61	ng	#	1
8) 2-Chlorophenol	6.598	128	805999	48.09	ng		99
9) Benzaldehyde	6.357	77	721467	69.45	ng		97
10) Phenol	6.469	94	1094824	47.49	ng		92
11) bis(2-Chloroethyl)ether	6.545	93	821447	48.80	ng		99
12) 1,3-Dichlorobenzene	6.751	146	815827	48.18	ng		96
13) 1,4-Dichlorobenzene	6.828	146	822975	48.04	ng		97
14) 1,2-Dichlorobenzene	6.981	146	776814	46.69	ng		99
15) Benzyl Alcohol	6.957	79	829272	49.29	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1737431	48.53	ng		94
17) 2-Methylphenol	7.075	107	686460	48.07	ng		95
18) Hexachloroethane	7.322	117	318365	46.95	ng		96
19) n-Nitroso-di-n-propyla...	7.228	70	614173	46.35	ng		99
20) 3+4-Methylphenols	7.228	107	850569	46.80	ng		97
22) Acetophenone	7.222	105	1202721	48.29	ng		95
24) Nitrobenzene	7.398	77	963389	45.56	ng		99
25) Isophorone	7.634	82	1664625	43.74	ng		100
26) 2-Nitrophenol	7.710	139	413421	47.91	ng		100
27) 2,4-Dimethylphenol	7.757	122	688392	50.79	ng		97
28) bis(2-Chloroethoxy)met...	7.845	93	976579	50.35	ng		100
29) 2,4-Dichlorophenol	7.957	162	604244	45.23	ng		99
30) 1,2,4-Trichlorobenzene	8.039	180	649353	46.39	ng		99
31) Naphthalene	8.122	128	2175568	46.10	ng		100
32) Benzoic acid	7.898	122	464680	49.71	ng		92
33) 4-Chloroaniline	8.181	127	123694	6.28	ng		92
34) Hexachlorobutadiene	8.239	225	395448	46.35	ng		99
35) Caprolactam	8.545	113	207665m	44.28	ng		
36) 4-Chloro-3-methylphenol	8.657	107	762416	45.74	ng		97
37) 2-Methylnaphthalene	8.810	142	1370592	44.57	ng		97
38) 1-Methylnaphthalene	8.910	142	1257603	43.51	ng		99
40) 1,2,4,5-Tetrachloroben...	8.975	216	603440	50.97	ng		100
41) Hexachlorocyclopentadiene	8.963	237	296876	58.72	ng		98
43) 2,4,6-Trichlorophenol	9.092	196	413537	50.71	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	426038	48.69	ng		97
46) 1,1'-Biphenyl	9.275	154	1609853	48.84	ng		99
47) 2-Chloronaphthalene	9.298	162	1202829	48.40	ng		99
48) 2-Nitroaniline	9.398	65	544988	49.78	ng		96
49) Acenaphthylene	9.716	152	1909060	47.59	ng		99
50) Dimethylphthalate	9.581	163	1442230	50.90	ng		99
51) 2,6-Dinitrotoluene	9.639	165	305661	46.66	ng		91
52) Acenaphthene	9.886	154	1131462	46.29	ng		98
53) 3-Nitroaniline	9.804	138	182960	23.38	ng		99
54) 2,4-Dinitrophenol	9.916	184	213090	61.24	ng		89
55) Dibenzofuran	10.057	168	1640638	44.38	ng		98
56) 4-Nitrophenol	9.980	139	477235	83.74	ng		92
57) 2,4-Dinitrotoluene	10.045	165	386128	43.23	ng		98
58) Fluorene	10.398	166	1255613	44.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	312804	45.15	ng		98
60) Diethylphthalate	10.275	149	1396551	46.30	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	587426	44.37	ng		98
62) 4-Nitroaniline	10.422	138	275071	35.48	ng		99
63) Azobenzene	10.551	77	1465150	42.26	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	135186	34.10	ng		84
66) n-Nitrosodiphenylamine	10.510	169	1090850	52.12	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	361081	53.59	ng		96
68) Hexachlorobenzene	10.951	284	391163	51.01	ng		94
69) Atrazine	11.039	200	308880	48.82	ng		98
70) Pentachlorophenol	11.145	266	391744	100.23	ng		99
71) Phenanthrene	11.363	178	1592861	47.46	ng		99
72) Anthracene	11.416	178	1593460	47.76	ng		100
73) Carbazole	11.569	167	1452428	43.07	ng		99
74) Di-n-butylphthalate	11.904	149	1749544	46.21	ng		99
75) Fluoranthene	12.551	202	1709453	46.71	ng		99
77) Benzidine	12.674	184	513956	45.96	ng		98
78) Pyrene	12.780	202	1716895	51.22	ng		100
80) Butylbenzylphthalate	13.398	149	668105	46.66	ng		99
81) Benzo(a)anthracene	13.968	228	1279723	48.90	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	231441	28.80	ng		99
83) Chrysene	14.010	228	1294393	49.17	ng		100
84) Bis(2-ethylhexyl)phtha...	13.963	149	816672	45.91	ng		99
85) Di-n-octyl phthalate	14.574	149	1394428	49.02	ng		99
87) Indeno(1,2,3-cd)pyrene	16.886	276	1012016	48.68	ng		98
88) Benzo(b)fluoranthene	15.015	252	1257180	52.26	ng	#	97
89) Benzo(k)fluoranthene	15.045	252	967773	42.16	ng		99
90) Benzo(a)pyrene	15.374	252	1029075	50.03	ng		98
91) Dibenzo(a,h)anthracene	16.904	278	851289	48.50	ng		99
92) Benzo(g,h,i)perylene	17.327	276	857926	48.80	ng		96

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

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