Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050321\
Data File : BF123787.D
Acq On : 3 May 2021 19:43
Operator : JU/CG
Sample : PB136036BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136036BS

Manual Integrations APPROVED
mohammad
5/4/2021 2:57:46 PM

Quant Time: May 04 00:56:25 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	6.804	152	217081	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	857638	20.00	ng	0.00
39) Acenaphthene-d10	9.851	164	415950	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	817578	20.00	ng	0.00
76) Chrysene-d12	13.980	240	637549	20.00	ng	0.00
86) Perylene-d12	15.433	264	371205	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1193637	87.11	ng	0.02
7) Phenol-d6	6.451	99	1597392	84.63	ng	0.00
23) Nitrobenzene-d5	7.375	82	1333344	70.18	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	429578	82.96	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	2025127	70.90	ng	0.00
79) Terphenyl-d14	12.921	244	2114892	63.88	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	312449	42.33	ng	98
3) Pyridine	3.351	79	754694	41.83	ng	96
4) n-Nitrosodimethylamine	3.304	42	459874	46.28	ng	100
6) Aniline	6.475	93	540365	24.75	ng	96
8) 2-Chlorophenol	6.598	128	677284	45.95	ng	99
9) Benzaldehyde	6.351	77	39453	4.32	ng	94
10) Phenol	6.463	94	931936	45.96	ng	94
11) bis(2-Chloroethyl)ether	6.545	93	770639	52.06	ng	96
12) 1,3-Dichlorobenzene	6.745	146	656163	44.06	ng	99
13) 1,4-Dichlorobenzene	6.822	146	672608	44.64	ng	98
14) 1,2-Dichlorobenzene	6.975	146	651323	44.52	ng	97
15) Benzyl Alcohol	6.951	79	676665	45.73	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.087	45	1513373	48.07	ng	99
17) 2-Methylphenol	7.069	107	589548	46.94	ng	97
18) Hexachloroethane	7.322	117	278713	46.73	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	533510	45.77	ng	100
20) 3+4-Methylphenols	7.222	107	723145	45.24	ng	93
22) Acetophenone	7.216	105	1017953	43.67	ng	94
24) Nitrobenzene	7.392	77	844411	42.67	ng	98
25) Isophorone	7.634	82	1514375	42.51	ng	99
26) 2-Nitrophenol	7.710	139	362822	44.92	ng	95
27) 2,4-Dimethylphenol	7.751	122	591730	46.64	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	861450	47.45	ng	100
29) 2,4-Dichlorophenol	7.957	162	524786	41.97	ng	96
30) 1,2,4-Trichlorobenzene	8.034	180	564077	43.05	ng	98
31) Naphthalene	8.116	128	1891266	42.82	ng	100
32) Benzoic acid	7.886	122	384366	44.56	ng	95
33) 4-Chloroaniline	8.169	127	327305	17.76	ng	94
34) Hexachlorobutadiene	8.233	225	332742	41.67	ng	97
35) Caprolactam	8.533	113	188428m	42.92	ng	
36) 4-Chloro-3-methylphenol	8.657	107	684174	43.86	ng	92
37) 2-Methylnaphthalene	8.810	142	1255163	43.61	ng	98
38) 1-Methylnaphthalene	8.904	142	1167511	43.16	ng	98
40) 1,2,4,5-Tetrachloroben...	8.975	216	531701	43.43	ng	100
41) Hexachlorocyclopentadiene	8.963	237	411562	77.78	ng	100
43) 2,4,6-Trichlorophenol	9.086	196	370893	43.99	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	379569	41.96	ng		96
46) 1,1'-Biphenyl	9.275	154	1482133	43.49	ng		99
47) 2-Chloronaphthalene	9.298	162	1124486	43.77	ng		99
48) 2-Nitroaniline	9.392	65	506865	44.78	ng		90
49) Acenaphthylene	9.710	152	1817835	43.83	ng		99
50) Dimethylphthalate	9.575	163	1281741	43.75	ng		99
51) 2,6-Dinitrotoluene	9.633	165	291409	43.02	ng		96
52) Acenaphthene	9.886	154	1095499	43.35	ng		99
53) 3-Nitroaniline	9.804	138	204714	25.31	ng		96
54) 2,4-Dinitrophenol	9.916	184	333975	92.84	ng		89
55) Dibenzofuran	10.057	168	1632540	42.72	ng		99
56) 4-Nitrophenol	9.980	139	519671	88.20	ng		97
57) 2,4-Dinitrotoluene	10.039	165	397668	43.06	ng	#	83
58) Fluorene	10.398	166	1268762	43.20	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	331191	46.24	ng		97
60) Diethylphthalate	10.275	149	1357623	43.54	ng		99
61) 4-Chlorophenyl-phenyle...	10.392	204	591900	43.24	ng		97
62) 4-Nitroaniline	10.422	138	331056	41.30	ng		99
63) Azobenzene	10.551	77	1510856	42.15	ng		97
65) 4,6-Dinitro-2-methylph...	10.451	198	228323	45.07	ng		82
66) n-Nitrosodiphenylamine	10.510	169	1121989	41.95	ng		99
67) 4-Bromophenyl-phenylether	10.880	248	373023	43.33	ng		99
68) Hexachlorobenzene	10.951	284	441442	45.05	ng	#	91
69) Atrazine	11.039	200	255700	31.63	ng		95
70) Pentachlorophenol	11.145	266	440851	88.27	ng		98
71) Phenanthrene	11.363	178	1847920	43.09	ng		99
72) Anthracene	11.416	178	1848252	43.35	ng		100
73) Carbazole	11.569	167	1817145	42.17	ng		99
74) Di-n-butylphthalate	11.898	149	2092973	43.26	ng		99
75) Fluoranthene	12.551	202	2064324	44.14	ng		99
77) Benzidine	12.669	184	274453	16.62	ng		99
78) Pyrene	12.780	202	2088965	42.21	ng		98
80) Butylbenzylphthalate	13.398	149	907616	42.93	ng		99
81) Benzo(a)anthracene	13.968	228	1647750	42.65	ng		99
82) 3,3'-Dichlorobenzidine	13.933	252	485924	40.96	ng		100
83) Chrysene	14.010	228	1694970	43.61	ng		99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1104421	42.05	ng		99
85) Di-n-octyl phthalate	14.574	149	1848726	44.02	ng		98
87) Indeno(1,2,3-cd)pyrene	16.880	276	1376605	63.68	ng		99
88) Benzo(b)fluoranthene	15.015	252	1502052	60.05	ng		99
89) Benzo(k)fluoranthene	15.045	252	1415760	59.30	ng		97
90) Benzo(a)pyrene	15.374	252	1268867	59.32	ng		98
91) Dibenzo(a,h)anthracene	16.898	278	1181161	64.71	ng		99
92) Benzo(g,h,i)perylene	17.321	276	1207248	66.04	ng		99

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

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