Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060921\
Data File : BF124207.D
Acq On : 9 Jun 2021 13:59
Operator : JU/CG
Sample : PB136822BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136822BS

Manual Integrations APPROVED
mohammad
6/11/2021 1:28:22 PM

Quant Time: Jun 09 14:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 14:34:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	41686	20.000	ng		0.00
21) Naphthalene-d8	8.134	136	162304	20.000	ng		0.00
39) Acenaphthene-d10	9.892	164	93703	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	176519	20.000	ng	#	0.00
76) Chrysene-d12	14.021	240	106138	20.000	ng	#	0.00
86) Perylene-d12	15.492	264	80103	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	342163	123.560	ng		0.01
7) Phenol-d6	6.504	99	411415	110.529	ng		0.00
23) Nitrobenzene-d5	7.416	82	315848	77.182	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	151550	114.158	ng		0.00
45) 2-Fluorobiphenyl	9.210	172	584720	78.524	ng		0.00
79) Terphenyl-d14	12.963	244	631557	81.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	37833	31.218	ng		97
3) Pyridine	3.451	79	98847	31.848	ng		85
4) n-Nitrosodimethylamine	3.410	42	70831	38.407	ng		94
6) Aniline	6.516	93	125494	29.517	ng	#	1
8) 2-Chlorophenol	6.640	128	129574	42.051	ng		98
9) Benzaldehyde	6.398	77	45581	27.549	ng		90
10) Phenol	6.510	94	161149	40.060	ng	#	65
11) bis(2-Chloroethyl)ether	6.587	93	130828	44.613	ng		91
12) 1,3-Dichlorobenzene	6.792	146	147695	41.001	ng		92
13) 1,4-Dichlorobenzene	6.869	146	151162	41.836	ng		96
14) 1,2-Dichlorobenzene	7.022	146	143479	41.510	ng		97
15) Benzyl Alcohol	6.998	79	128022	38.152	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.122	45	176614	38.606	ng	#	33
17) 2-Methylphenol	7.116	107	106182	42.391	ng	#	84
18) Hexachloroethane	7.363	117	57437	40.366	ng	#	79
19) n-Nitroso-di-n-propyla...	7.269	70	108780	41.399	ng	#	85
20) 3+4-Methylphenols	7.269	107	140362	42.291	ng		87
22) Acetophenone	7.263	105	200219	43.273	ng	#	91
24) Nitrobenzene	7.434	77	155297	37.828	ng		96
25) Isophorone	7.675	82	266022	36.074	ng	#	95
26) 2-Nitrophenol	7.751	139	72300	39.425	ng	#	92
27) 2,4-Dimethylphenol	7.792	122	117758	45.538	ng		94
28) bis(2-Chloroethoxy)met...	7.881	93	155570	42.553	ng		96
29) 2,4-Dichlorophenol	7.998	162	116657	38.987	ng		94
30) 1,2,4-Trichlorobenzene	8.075	180	130868	39.027	ng		99
31) Naphthalene	8.157	128	376482	38.798	ng		99
32) Benzoic acid	7.945	122	64632	40.732	ng		93
33) 4-Chloroaniline	8.210	127	31435	8.710	ng	#	85
34) Hexachlorobutadiene	8.269	225	91162	38.488	ng		99
35) Caprolactam	8.592	113	33449m	40.691	ng		
36) 4-Chloro-3-methylphenol	8.704	107	127813	39.042	ng		89
37) 2-Methylnaphthalene	8.845	142	261891	38.486	ng		96
38) 1-Methylnaphthalene	8.945	142	245094	38.543	ng		94
40) 1,2,4,5-Tetrachloroben...	9.016	216	142162	42.821	ng		97
41) Hexachlorocyclopentadiene	9.004	237	147574	81.766	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	87438	40.382	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	95869	41.244	ng		92
46) 1,1'-Biphenyl	9.316	154	342832	43.342	ng		97
47) 2-Chloronaphthalene	9.339	162	261557	40.625	ng		96
48) 2-Nitroaniline	9.439	65	94941	40.862	ng		97
49) Acenaphthylene	9.757	152	384911	41.128	ng		97
50) Dimethylphthalate	9.616	163	319361	41.195	ng		98
51) 2,6-Dinitrotoluene	9.681	165	69189	38.924	ng		91
52) Acenaphthene	9.928	154	240256	39.305	ng		94
53) 3-Nitroaniline	9.845	138	37162	22.338	ng		89
54) 2,4-Dinitrophenol	9.963	184	68225	75.287	ng		88
55) Dibenzofuran	10.098	168	383609	40.098	ng		99
56) 4-Nitrophenol	10.033	139	96279	80.978	ng		89
57) 2,4-Dinitrotoluene	10.086	165	98383	41.967	ng	#	94
58) Fluorene	10.439	166	299005	40.717	ng		95
59) 2,3,4,6-Tetrachlorophenol	10.222	232	75572	40.121	ng		96
60) Diethylphthalate	10.316	149	321426	41.083	ng		97
61) 4-Chlorophenyl-phenyle...	10.433	204	150681	40.130	ng		92
62) 4-Nitroaniline	10.469	138	64459	38.535	ng		87
63) Azobenzene	10.592	77	318505	39.054	ng		97
65) 4,6-Dinitro-2-methylph...	10.498	198	48036	33.862	ng	#	69
66) n-Nitrosodiphenylamine	10.551	169	257555	38.401	ng		97
67) 4-Bromophenyl-phenylether	10.922	248	94829	39.139	ng		99
68) Hexachlorobenzene	10.992	284	107697	39.245	ng		95
69) Atrazine	11.080	200	89632	47.210	ng		95
70) Pentachlorophenol	11.192	266	98001	68.482	ng		97
71) Phenanthrene	11.404	178	432240	39.199	ng		99
72) Anthracene	11.457	178	441288	39.737	ng		98
73) Carbazole	11.610	167	360979	37.301	ng		95
74) Di-n-butylphthalate	11.933	149	492761	39.621	ng		99
75) Fluoranthene	12.592	202	446337	38.562	ng		97
77) Benzidine	12.710	184	109224m	44.480	ng		
78) Pyrene	12.821	202	435377	42.718	ng		98
80) Butylbenzylphthalate	13.433	149	176931	42.794	ng		96
81) Benzo(a)anthracene	14.010	228	320591	41.462	ng		98
82) 3,3'-Dichlorobenzidine	13.968	252	62803	27.687	ng		99
83) Chrysene	14.045	228	309713	41.517	ng		96
84) Bis(2-ethylhexyl)phtha...	13.992	149	223370	45.418	ng		95
85) Di-n-octyl phthalate	14.604	149	291932	44.477	ng	#	92
87) Indeno(1,2,3-cd)pyrene	16.986	276	263491	40.288	ng		98
88) Benzo(b)fluoranthene	15.063	252	253597	40.755	ng		99
89) Benzo(k)fluoranthene	15.092	252	251925	42.767	ng		97
90) Benzo(a)pyrene	15.433	252	231948	42.916	ng		97
91) Dibenzo(a,h)anthracene	16.992	278	225022	40.286	ng		98
92) Benzo(g,h,i)perylene	17.433	276	222170	40.237	ng		99

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

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