Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131247.D
Acq On : 15 Nov 2022 23:14
Operator : CG\JU
Sample : PB148951BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Nov 16 07:05:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148951BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	103542	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	402735	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	234185	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	428207	20.000	ng	0.00
76) Chrysene-d12	14.192	240	290488	20.000	ng	# 0.00
86) Perylene-d12	15.727	264	214340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	729123	124.693	ng	0.02
7) Phenol-d6	6.593	99	911638	123.093	ng	0.00
23) Nitrobenzene-d5	7.545	82	577560	80.495	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	274431	122.681	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1120578	70.024	ng	0.00
79) Terphenyl-d14	13.127	244	1369176	80.941	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	90042	33.611	ng	98
3) Pyridine	3.622	79	249032	32.888	ng	99
4) n-Nitrosodimethylamine	3.593	42	184267	41.751	ng	100
6) Aniline	6.640	93	360407m	38.797	ng	
8) 2-Chlorophenol	6.757	128	281317	42.799	ng	97
9) Benzaldehyde	6.528	77	184052	34.260	ng	98
10) Phenol	6.610	94	342553	41.346	ng	98
11) bis(2-Chloroethyl)ether	6.710	93	267301	41.205	ng	98
12) 1,3-Dichlorobenzene	6.916	146	296425	39.862	ng	99
13) 1,4-Dichlorobenzene	6.992	146	299135	39.776	ng	99
14) 1,2-Dichlorobenzene	7.145	146	290880	41.848	ng	99
15) Benzyl Alcohol	7.116	79	259783m	40.382	ng	
16) 2,2'-oxybis(1-Chloropr...	7.251	45	508653	41.629	ng	100
17) 2-Methylphenol	7.222	107	235078	41.892	ng	99
18) Hexachloroethane	7.492	117	113602	41.552	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	210716	40.831	ng	98
20) 3+4-Methylphenols	7.375	107	292016	40.231	ng	94
22) Acetophenone	7.387	105	401797	38.274	ng	99
24) Nitrobenzene	7.563	77	317990	41.053	ng	100
25) Isophorone	7.804	82	579686	40.441	ng	99
26) 2-Nitrophenol	7.881	139	126503	41.421	ng	98
27) 2,4-Dimethylphenol	7.910	122	260427	44.387	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	332745	41.173	ng	99
29) 2,4-Dichlorophenol	8.116	162	243966	38.450	ng	98
30) 1,2,4-Trichlorobenzene	8.204	180	270408	36.349	ng	98
31) Naphthalene	8.292	128	786789	36.059	ng	99
32) Benzoic acid	8.028	122	168458	40.807	ng	95
33) 4-Chloroaniline	8.334	127	237558	27.657	ng	98
34) Hexachlorobutadiene	8.404	225	175461	37.266	ng	99
35) Caprolactam	8.710	113	74481m	39.722	ng	
36) 4-Chloro-3-methylphenol	8.816	107	266423	39.891	ng	99
37) 2-Methylnaphthalene	8.986	142	531442	36.571	ng	98
38) 1-Methylnaphthalene	9.086	142	506045	35.912	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	275139	36.490	ng	98
41) Hexachlorocyclopentadiene	9.134	237	353244	91.404	ng	96
43) 2,4,6-Trichlorophenol	9.257	196	175308	35.562	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	200766	37.951	ng	96
46) 1,1'-Biphenyl	9.451	154	662715	36.812	ng	99
47) 2-Chloronaphthalene	9.475	162	526143	36.077	ng	99
48) 2-Nitroaniline	9.569	65	188312	40.895	ng	95
49) Acenaphthylene	9.898	152	822488	36.933	ng	99
50) Dimethylphthalate	9.757	163	617173	36.804	ng	99
51) 2,6-Dinitrotoluene	9.816	165	131969	40.607	ng	90
52) Acenaphthene	10.069	154	564492	40.608	ng	98
53) 3-Nitroaniline	9.986	138	100775	29.788	ng	98
54) 2,4-Dinitrophenol	10.092	184	119881	80.338	ng	96
55) Dibenzofuran	10.245	168	723059	36.305	ng	98
56) 4-Nitrophenol	10.139	139	208266	78.933	ng	95
57) 2,4-Dinitrotoluene	10.222	165	172691	42.791	ng	93
58) Fluorene	10.586	166	566538	36.149	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.351	232	169518	37.826	ng	98
60) Diethylphthalate	10.457	149	590023	37.222	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	290637	37.505	ng	94
62) 4-Nitroaniline	10.610	138	133237	38.947	ng	97
63) Azobenzene	10.739	77	606816	36.564	ng	99
65) 4,6-Dinitro-2-methylph...	10.628	198	73243	39.688	ng	80
66) n-Nitrosodiphenylamine	10.698	169	504468	37.081	ng	99
67) 4-Bromophenyl-phenylether	11.069	248	191450	38.079	ng	98
68) Hexachlorobenzene	11.133	284	207647	38.109	ng	98
69) Atrazine	11.227	200	186258	41.768	ng	98
70) Pentachlorophenol	11.327	266	249595	78.482	ng	99
71) Phenanthrene	11.557	178	866194	36.653	ng	100
72) Anthracene	11.610	178	878914	38.072	ng	99
73) Carbazole	11.763	167	786902	38.080	ng	99
74) Di-n-butylphthalate	12.092	149	906413	37.690	ng	99
75) Fluoranthene	12.751	202	974355	37.385	ng	100
77) Benzidine	12.874	184	415647	66.770	ng	99
78) Pyrene	12.986	202	978639	39.082	ng	99
80) Butylbenzylphthalate	13.604	149	352849	41.579	ng	99
81) Benzo(a)anthracene	14.180	228	749926	37.146	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	199128	33.709	ng	97
83) Chrysene	14.216	228	716408	36.426	ng	100
84) Bis(2-ethylhexyl)phtha...	14.163	149	428263	40.126	ng	98
85) Di-n-octyl phthalate	14.798	149	580940	38.518	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	616975	43.572	ng	100
88) Benzo(b)fluoranthene	15.268	252	602800	40.281	ng	100
89) Benzo(k)fluoranthene	15.304	252	577181	38.906	ng	100
90) Benzo(a)pyrene	15.668	252	509151	42.562	ng	97
91) Dibenzo(a,h)anthracene	17.345	278	521379	44.879	ng	99
92) Benzo(g,h,i)perylene	17.809	276	522738	40.792	ng	99

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

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