Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033022\
Data File : BF127582.D
Acq On : 30 Mar 2022 12:26
Operator : CG\JU
Sample : PB143716BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 30 16:31:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 29 07:13:31 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB143716BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2022
Supervised By :Jagrut Upadhyay 03/31/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.834	152	100581	20.000	ng		0.00
21) Naphthalene-d8	8.116	136	368457	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	214100	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	365688	20.000	ng		0.00
76) Chrysene-d12	14.015	240	241618	20.000	ng		0.00
86) Perylene-d12	15.498	264	190260	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.469	112	705677	111.991	ng		0.01
7) Phenol-d6	6.481	99	933119	108.335	ng		0.00
23) Nitrobenzene-d5	7.404	82	648902	75.281	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	242571	106.358	ng		0.00
45) 2-Fluorobiphenyl	9.192	172	1074657	73.295	ng		0.00
79) Terphenyl-d14	12.951	244	1139358	77.194	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	104667	37.820	ng		96
3) Pyridine	3.446	79	247863	31.732	ng		94
4) n-Nitrosodimethylamine	3.398	42	181050	42.215	ng		100
6) Aniline	6.504	93	328790	31.988	ng	#	89
8) 2-Chlorophenol	6.628	128	285886	44.398	ng		98
9) Benzaldehyde	6.392	77	177557	40.288	ng		97
10) Phenol	6.492	94	385930	41.143	ng		96
11) bis(2-Chloroethyl)ether	6.575	93	306051	44.590	ng		99
12) 1,3-Dichlorobenzene	6.775	146	289997	40.041	ng		96
13) 1,4-Dichlorobenzene	6.851	146	296825	40.744	ng		99
14) 1,2-Dichlorobenzene	7.004	146	278381	39.234	ng		100
15) Benzyl Alcohol	6.986	79	275121	43.952	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.104	45	522162	42.277	ng		61
17) 2-Methylphenol	7.098	107	229941	42.313	ng	#	93
18) Hexachloroethane	7.339	117	113185	42.438	ng		98
19) n-Nitroso-di-n-propyla...	7.251	70	216394	41.913	ng		100
20) 3+4-Methylphenols	7.251	107	283299	42.266	ng		94
22) Acetophenone	7.251	105	376390	39.962	ng		98
24) Nitrobenzene	7.428	77	343664	41.806	ng		97
25) Isophorone	7.657	82	624014	45.453	ng		99
26) 2-Nitrophenol	7.739	139	145112	42.090	ng		96
27) 2,4-Dimethylphenol	7.775	122	250745	48.349	ng		97
28) bis(2-Chloroethoxy)met...	7.869	93	378044	42.390	ng		100
29) 2,4-Dichlorophenol	7.986	162	248238	42.164	ng		96
30) 1,2,4-Trichlorobenzene	8.057	180	269000	39.210	ng		98
31) Naphthalene	8.139	128	801757	40.986	ng		99
32) Benzoic acid	7.939	122	114301	39.564	ng		91
33) 4-Chloroaniline	8.198	127	126893	16.740	ng		97
34) Hexachlorobutadiene	8.245	225	168386	38.652	ng		99
35) Caprolactam	8.580	113	80330m	44.258	ng		
36) 4-Chloro-3-methylphenol	8.692	107	272516	42.662	ng		99
37) 2-Methylnaphthalene	8.833	142	530802	42.199	ng		100
38) 1-Methylnaphthalene	8.928	142	498585	40.086	ng		99
40) 1,2,4,5-Tetrachloroben...	8.998	216	273824	40.224	ng		99
41) Hexachlorocyclopentadiene	8.975	237	141203	66.165	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	166942	40.570	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	174059	41.092	ng		99
46) 1,1'-Biphenyl	9.292	154	644064	39.830	ng		99
47) 2-Chloronaphthalene	9.322	162	509340	40.000	ng		98
48) 2-Nitroaniline	9.433	65	202401	41.474	ng		94
49) Acenaphthylene	9.739	152	782588	40.653	ng		100
50) Dimethylphthalate	9.598	163	607529	40.789	ng		99
51) 2,6-Dinitrotoluene	9.669	165	132726	42.451	ng		95
52) Acenaphthene	9.910	154	452559	40.293	ng		98
53) 3-Nitroaniline	9.845	138	86968	25.358	ng		98
54) 2,4-Dinitrophenol	9.963	184	102343	66.504	ng		95
55) Dibenzofuran	10.080	168	662330	40.540	ng		100
56) 4-Nitrophenol	10.027	139	120220	68.871	ng		95
57) 2,4-Dinitrotoluene	10.080	165	160312	39.835	ng	#	91
58) Fluorene	10.427	166	539988	41.301	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.204	232	145106	38.746	ng		98
60) Diethylphthalate	10.298	149	550241	40.446	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	286939	37.274	ng		95
62) 4-Nitroaniline	10.469	138	124372	38.715	ng		98
63) Azobenzene	10.574	77	641828	39.984	ng		97
65) 4,6-Dinitro-2-methylph...	10.492	198	87094	38.706	ng		98
66) n-Nitrosodiphenylamine	10.539	169	467937	42.036	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	176763	41.402	ng		96
68) Hexachlorobenzene	10.974	284	192099	41.220	ng		96
69) Atrazine	11.069	200	179696	48.490	ng		97
70) Pentachlorophenol	11.174	266	131717	73.775	ng		98
71) Phenanthrene	11.392	178	785922	41.224	ng		99
72) Anthracene	11.445	178	802268	42.405	ng		99
73) Carbazole	11.604	167	716687	39.611	ng		99
74) Di-n-butylphthalate	11.916	149	846669	45.208	ng		100
75) Fluoranthene	12.586	202	865384	41.269	ng		99
77) Benzidine	12.710	184	246722	42.825	ng		99
78) Pyrene	12.815	202	860584	41.502	ng		99
80) Butylbenzylphthalate	13.421	149	314062	46.018	ng		91
81) Benzo(a)anthracene	14.004	228	663430	41.059	ng		98
82) 3,3'-Dichlorobenzidine	13.962	252	116745	24.584	ng		99
83) Chrysene	14.045	228	627140	40.987	ng		100
84) Bis(2-ethylhexyl)phtha...	13.968	149	386610	49.005	ng		100
85) Di-n-octyl phthalate	14.580	149	588072	56.016	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	496706	38.582	ng		98
88) Benzo(b)fluoranthene	15.062	252	522200	43.530	ng		99
89) Benzo(k)fluoranthene	15.092	252	538237	43.280	ng		99
90) Benzo(a)pyrene	15.433	252	501212	50.909	ng		98
91) Dibenzo(a,h)anthracene	17.003	278	434523	40.881	ng		97
92) Benzo(g,h,i)perylene	17.456	276	429282	39.074	ng		98

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

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