Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
Data File : BF127993.D
Acq On : 29 Apr 2022 14:07
Operator : CG\JU
Sample : PB144460BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 29 17:56:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 28 05:13:03 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB144460BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/02/2022
Supervised By :Jagrut Upadhyay 05/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	139769	20.000	ng	-0.01
21) Naphthalene-d8	8.210	136	548188	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	309367	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	542346	20.000	ng	0.00
76) Chrysene-d12	14.110	240	364547	20.000	ng	0.00
86) Perylene-d12	15.615	264	294190	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	983696	112.100	ng	0.01
7) Phenol-d6	6.557	99	1284936	112.849	ng	0.00
23) Nitrobenzene-d5	7.492	82	936684	80.350	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	362163	116.290	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1474779	80.647	ng	0.00
79) Terphenyl-d14	13.051	244	1612992	80.907	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	128984	30.807	ng	98
3) Pyridine	3.634	79	351087	32.727	ng	99
4) n-Nitrosodimethylamine	3.599	42	221511	42.658	ng	97
6) Aniline	6.592	93	520464	38.472	ng	99
8) 2-Chlorophenol	6.710	128	387149	42.508	ng	98
9) Benzaldehyde	6.481	77	264309	37.523	ng	94
10) Phenol	6.569	94	463099m	40.325	ng	
11) bis(2-Chloroethyl)ether	6.663	93	398340	41.814	ng	99
12) 1,3-Dichlorobenzene	6.869	146	416042	39.684	ng	99
13) 1,4-Dichlorobenzene	6.945	146	419854	40.122	ng	98
14) 1,2-Dichlorobenzene	7.092	146	401098	41.404	ng	98
15) Benzyl Alcohol	7.069	79	342218	44.197	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.192	45	597513	41.039	ng	99
17) 2-Methylphenol	7.175	107	338301	43.051	ng	98
18) Hexachloroethane	7.434	117	161498	41.979	ng	94
19) n-Nitroso-di-n-propyla...	7.339	70	296496	42.538	ng	98
20) 3+4-Methylphenols	7.328	107	381378	40.175	ng	97
22) Acetophenone	7.339	105	528751	39.574	ng	97
24) Nitrobenzene	7.510	77	464135	41.318	ng	98
25) Isophorone	7.751	82	846442	43.141	ng	99
26) 2-Nitrophenol	7.822	139	202683	42.342	ng	97
27) 2,4-Dimethylphenol	7.857	122	358923	45.143	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	486696	38.705	ng	99
29) 2,4-Dichlorophenol	8.063	162	322809	38.755	ng	98
30) 1,2,4-Trichlorobenzene	8.145	180	366738	38.760	ng	98
31) Naphthalene	8.234	128	1083396	38.803	ng	100
32) Benzoic acid	7.987	122	212584	37.303	ng	98
33) 4-Chloroaniline	8.281	127	324779	29.400	ng	99
34) Hexachlorobutadiene	8.339	225	239123	40.123	ng	97
35) Caprolactam	8.657	113	102807m	38.236	ng	
36) 4-Chloro-3-methylphenol	8.763	107	361714	40.661	ng	98
37) 2-Methylnaphthalene	8.922	142	725779	39.333	ng	99
38) 1-Methylnaphthalene	9.022	142	689413	38.439	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	351133	38.507	ng	98
41) Hexachlorocyclopentadiene	9.075	237	456963	92.495	ng	98
43) 2,4,6-Trichlorophenol	9.198	196	228508	38.085	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	247119	37.887	ng		98
46) 1,1'-Biphenyl	9.386	154	884161	38.582	ng		99
47) 2-Chloronaphthalene	9.416	162	648276	37.160	ng		98
48) 2-Nitroaniline	9.510	65	240525	40.759	ng		95
49) Acenaphthylene	9.833	152	1054956	39.533	ng		100
50) Dimethylphthalate	9.692	163	790076	38.080	ng		99
51) 2,6-Dinitrotoluene	9.757	165	181574	40.420	ng		95
52) Acenaphthene	10.004	154	757228m	42.207	ng		
53) 3-Nitroaniline	9.928	138	143520	28.771	ng		97
54) 2,4-Dinitrophenol	10.033	184	194279	82.122	ng	#	82
55) Dibenzofuran	10.180	168	944728	36.498	ng		99
56) 4-Nitrophenol	10.092	139	270896	71.118	ng		95
57) 2,4-Dinitrotoluene	10.163	165	242704	40.788	ng		94
58) Fluorene	10.522	166	723938	37.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	213055	38.844	ng		100
60) Diethylphthalate	10.392	149	778298	38.255	ng		99
61) 4-Chlorophenyl-phenyle...	10.510	204	356305	37.123	ng		96
62) 4-Nitroaniline	10.545	138	179674	36.842	ng		97
63) Azobenzene	10.669	77	835796	37.334	ng		99
65) 4,6-Dinitro-2-methylph...	10.569	198	131605	40.839	ng		94
66) n-Nitrosodiphenylamine	10.633	169	651568	38.610	ng		98
67) 4-Bromophenyl-phenylether	11.004	248	234559	39.014	ng		93
68) Hexachlorobenzene	11.069	284	253453	40.012	ng	#	91
69) Atrazine	11.157	200	232380	44.532	ng		97
70) Pentachlorophenol	11.263	266	281864	75.637	ng		97
71) Phenanthrene	11.486	178	1075163	37.872	ng		99
72) Anthracene	11.539	178	1090504	38.561	ng		99
73) Carbazole	11.692	167	975757	35.800	ng		100
74) Di-n-butylphthalate	12.016	149	1178964	38.468	ng		99
75) Fluoranthene	12.680	202	1144251	38.296	ng		97
77) Benzidine	12.798	184	586954	85.093	ng		98
78) Pyrene	12.910	202	1143261	38.849	ng		100
80) Butylbenzylphthalate	13.521	149	475548	41.228	ng		96
81) Benzo(a)anthracene	14.098	228	965708	39.744	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	236072	30.599	ng		99
83) Chrysene	14.139	228	894997	38.568	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	640203	41.854	ng		99
85) Di-n-octyl phthalate	14.692	149	987795	41.671	ng		100
87) Indeno(1,2,3-cd)pyrene	17.157	276	729442	37.147	ng		98
88) Benzo(b)fluoranthene	15.168	252	831669	45.009	ng		99
89) Benzo(k)fluoranthene	15.204	252	730594	39.246	ng		99
90) Benzo(a)pyrene	15.551	252	729983	47.627	ng		98
91) Dibenzo(a,h)anthracene	17.174	278	631738	40.114	ng		97
92) Benzo(g,h,i)perylene	17.627	276	639877	38.555	ng		97

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

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