Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122222\
Data File : BF131771.D
Acq On : 22 Dec 2022 11:36
Operator : CG\JU
Sample : PB149828BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 23 03:11:22 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 23 03:03:57 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149828BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/23/2022
Supervised By :Jagrut Upadhyay 12/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	86734	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	341351	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	200119	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	377293	20.000	ng		0.00
76) Chrysene-d12	14.051	240	242257	20.000	ng	#	0.00
86) Perylene-d12	15.533	264	180242	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	687854	133.543	ng		0.02
7) Phenol-d6	6.492	99	901414	130.021	ng		0.00
23) Nitrobenzene-d5	7.428	82	617851	73.480	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	252551	115.300	ng		0.00
45) 2-Fluorobiphenyl	9.227	172	1043738	73.061	ng		0.00
79) Terphenyl-d14	12.992	244	1231196	79.207	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	91125	37.858	ng		98
3) Pyridine	3.422	79	236561	34.467	ng		98
4) n-Nitrosodimethylamine	3.393	42	134467	43.303	ng		99
6) Aniline	6.516	93	295312	34.503	ng		92
8) 2-Chlorophenol	6.639	128	244146	44.131	ng		98
10) Phenol	6.504	94	354472	42.824	ng		96
11) bis(2-Chloroethyl)ether	6.592	93	268631	45.351	ng		100
12) 1,3-Dichlorobenzene	6.792	146	262262	41.937	ng		98
13) 1,4-Dichlorobenzene	6.875	146	265134	41.476	ng		99
14) 1,2-Dichlorobenzene	7.022	146	257086	42.954	ng		98
15) Benzyl Alcohol	7.004	79	265532	42.881	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.133	45	331033	43.829	ng		99
17) 2-Methylphenol	7.116	107	220042	42.132	ng		98
18) Hexachloroethane	7.369	117	107269	42.332	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	207713	41.542	ng		96
20) 3+4-Methylphenols	7.269	107	278107	41.374	ng		99
22) Acetophenone	7.275	105	399275	40.082	ng	#	96
24) Nitrobenzene	7.445	77	333195	38.979	ng		96
25) Isophorone	7.686	82	574639	40.242	ng		98
26) 2-Nitrophenol	7.763	139	129345	38.717	ng		99
27) 2,4-Dimethylphenol	7.798	122	218633	45.949	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	321357	42.379	ng		99
29) 2,4-Dichlorophenol	8.004	162	220311	38.354	ng		98
30) 1,2,4-Trichlorobenzene	8.086	180	259493	38.427	ng		98
31) Naphthalene	8.169	128	699758	37.536	ng		100
32) Benzoic acid	7.939	122	150074m	39.402	ng		
33) 4-Chloroaniline	8.222	127	167179	22.995	ng		98
34) Hexachlorobutadiene	8.280	225	168506	37.089	ng		99
35) Caprolactam	8.604	113	66445m	38.362	ng		
36) 4-Chloro-3-methylphenol	8.710	107	255513	38.940	ng		97
37) 2-Methylnaphthalene	8.863	142	470940	37.034	ng		99
38) 1-Methylnaphthalene	8.963	142	443890	36.041	ng		99
40) 1,2,4,5-Tetrachloroben...	9.027	216	270145	39.456	ng		99
41) Hexachlorocyclopentadiene	9.010	237	294190	94.841	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	167101	37.362	ng		97
44) 2,4,5-Trichlorophenol	9.192	196	181771	37.542	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.333	154	591523	39.297	ng	99
47) 2-Chloronaphthalene	9.357	162	473457	38.411	ng	100
48) 2-Nitroaniline	9.457	65	170050	38.277	ng	93
49) Acenaphthylene	9.775	152	706143	38.195	ng	99
50) Dimethylphthalate	9.633	163	558236	37.073	ng	99
51) 2,6-Dinitrotoluene	9.698	165	121360	37.482	ng	91
52) Acenaphthene	9.945	154	420164	37.099	ng	99
53) 3-Nitroaniline	9.869	138	86945	26.244	ng	98
54) 2,4-Dinitrophenol	9.980	184	143747	74.094	ng	98
55) Dibenzofuran	10.116	168	647036	37.258	ng	99
56) 4-Nitrophenol	10.039	139	178387	75.231	ng	97
57) 2,4-Dinitrotoluene	10.104	165	167453	38.488	ng	92
58) Fluorene	10.463	166	513866	36.598	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.233	232	148257m	36.678	ng	
60) Diethylphthalate	10.339	149	529215	36.474	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	279436	37.444	ng	98
62) 4-Nitroaniline	10.492	138	117854	35.346	ng	94
63) Azobenzene	10.616	77	591110	37.099	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	95106	36.716	ng	83
66) n-Nitrosodiphenylamine	10.574	169	439043	37.524	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	169226	37.976	ng	96
68) Hexachlorobenzene	11.004	284	182963	37.333	ng	98
69) Atrazine	11.104	200	139612	35.796	ng	98
70) Pentachlorophenol	11.204	266	202138	77.711	ng	98
71) Phenanthrene	11.427	178	758576	36.872	ng	99
72) Anthracene	11.480	178	766680	38.060	ng	99
73) Carbazole	11.639	167	671643	38.538	ng	100
74) Di-n-butylphthalate	11.963	149	792409	36.515	ng	100
75) Fluoranthene	12.621	202	848973	37.053	ng	98
77) Benzidine	12.739	184	207150	46.632	ng	99
78) Pyrene	12.851	202	853341	38.743	ng	99
80) Butylbenzylphthalate	13.468	149	295012	37.976	ng	98
81) Benzo(a)anthracene	14.039	228	641517	36.768	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	178974	36.741	ng	99
83) Chrysene	14.080	228	596624	36.230	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	356492	38.485	ng	99
85) Di-n-octyl phthalate	14.639	149	475599	36.781	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	520414	42.986	ng	99
88) Benzo(b)fluoranthene	15.098	252	523560	41.057	ng	99
89) Benzo(k)fluoranthene	15.133	252	495400	39.813	ng	100
90) Benzo(a)pyrene	15.474	252	439482	43.509	ng	98
91) Dibenzo(a,h)anthracene	17.056	278	449961	44.974	ng	99
92) Benzo(g,h,i)perylene	17.498	276	444212	44.921	ng	98

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

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