Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122322\
Data File : BF131803.D
Acq On : 23 Dec 2022 12:52
Operator : CG\JU
Sample : PB149851BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 24 03:02:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 00:05:44 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149851BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/24/2022
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	94254	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	372910	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	231872	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	436558	20.000	ng		0.00
76) Chrysene-d12	14.068	240	291668	20.000	ng		0.00
86) Perylene-d12	15.568	264	193295	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	794180	141.884	ng		0.02
7) Phenol-d6	6.498	99	1027092	136.329	ng		0.01
23) Nitrobenzene-d5	7.427	82	736616	80.190	ng		0.00
42) 2,4,6-Tribromophenol	10.715	330	334459	131.784	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1336507	80.743	ng		0.00
79) Terphenyl-d14	13.009	244	1688547	90.227	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	88500	33.834	ng		94
3) Pyridine	3.398	79	241363	32.361	ng		100
4) n-Nitrosodimethylamine	3.375	42	146205	43.327	ng	#	96
6) Aniline	6.516	93	213339	22.937	ng	#	86
8) 2-Chlorophenol	6.639	128	274686	45.690	ng		97
9) Benzaldehyde	6.398	77	100451	20.617	ng		97
10) Phenol	6.510	94	381492	42.411	ng		94
11) bis(2-Chloroethyl)ether	6.592	93	316896	49.231	ng		98
12) 1,3-Dichlorobenzene	6.792	146	296700	43.658	ng		96
13) 1,4-Dichlorobenzene	6.869	146	299777	43.154	ng		98
14) 1,2-Dichlorobenzene	7.022	146	288166	44.305	ng		99
15) Benzyl Alcohol	7.004	79	241589	35.902	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.127	45	384714	46.872	ng		93
17) 2-Methylphenol	7.116	107	249560	43.971	ng		94
18) Hexachloroethane	7.363	117	124435	45.188	ng		98
19) n-Nitroso-di-n-propyla...	7.275	70	243811	44.871	ng		96
20) 3+4-Methylphenols	7.269	107	321365	43.995	ng		98
22) Acetophenone	7.269	105	456056	41.907	ng	#	93
24) Nitrobenzene	7.445	77	373200	39.964	ng		98
25) Isophorone	7.686	82	686523	44.008	ng		99
26) 2-Nitrophenol	7.757	139	154096	42.223	ng		97
27) 2,4-Dimethylphenol	7.798	122	258730	49.774	ng		98
28) bis(2-Chloroethoxy)met...	7.892	93	389493	47.017	ng		100
29) 2,4-Dichlorophenol	8.004	162	262496	41.831	ng		98
30) 1,2,4-Trichlorobenzene	8.080	180	297596	40.340	ng		100
31) Naphthalene	8.163	128	802037	39.382	ng		99
32) Benzoic acid	7.951	122	182876	43.951	ng		98
33) 4-Chloroaniline	8.216	127	110089	13.861	ng		100
34) Hexachlorobutadiene	8.274	225	203643	41.029	ng		99
35) Caprolactam	8.616	113	73128m	38.648	ng		
36) 4-Chloro-3-methylphenol	8.716	107	303750	42.373	ng		96
37) 2-Methylnaphthalene	8.863	142	565605	40.714	ng		99
38) 1-Methylnaphthalene	8.963	142	527682	39.219	ng		100
40) 1,2,4,5-Tetrachloroben...	9.027	216	328361	41.392	ng		99
41) Hexachlorocyclopentadiene	9.010	237	377261	104.967	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	209602	40.447	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	221634m	39.506	ng	
46) 1,1'-Biphenyl	9.333	154	728262	41.755	ng	98
47) 2-Chloronaphthalene	9.357	162	575839	40.320	ng	99
48) 2-Nitroaniline	9.463	65	203324	39.499	ng	99
49) Acenaphthylene	9.774	152	852665	39.805	ng	100
50) Dimethylphthalate	9.639	163	731487	41.926	ng	100
51) 2,6-Dinitrotoluene	9.704	165	152827	40.737	ng	91
52) Acenaphthene	9.951	154	520418	39.659	ng	98
53) 3-Nitroaniline	9.874	138	85858	22.367	ng	97
54) 2,4-Dinitrophenol	9.986	184	196447	87.392	ng	89
55) Dibenzofuran	10.121	168	804947	40.003	ng	100
56) 4-Nitrophenol	10.051	139	199667	72.674	ng	98
57) 2,4-Dinitrotoluene	10.116	165	208927	41.444	ng	94
58) Fluorene	10.468	166	645699	39.689	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	176743m	37.737	ng	
60) Diethylphthalate	10.345	149	713831	42.461	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	357352	41.328	ng	99
62) 4-Nitroaniline	10.504	138	140683	36.415	ng	99
63) Azobenzene	10.621	77	746230	40.421	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	127994	42.704	ng	88
66) n-Nitrosodiphenylamine	10.580	169	564747	41.715	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	219495	42.570	ng	96
68) Hexachlorobenzene	11.015	284	239074	42.160	ng	93
69) Atrazine	11.110	200	128225	28.414	ng	98
70) Pentachlorophenol	11.215	266	254321	84.499	ng	99
71) Phenanthrene	11.439	178	947715	39.812	ng	98
72) Anthracene	11.492	178	971523	41.682	ng	99
73) Carbazole	11.645	167	812550	40.294	ng	99
74) Di-n-butylphthalate	11.974	149	1119796	44.596	ng	100
75) Fluoranthene	12.633	202	1064437	40.150	ng	99
77) Benzidine	12.757	184	47131	8.812	ng	96
78) Pyrene	12.862	202	1061139	40.016	ng	100
80) Butylbenzylphthalate	13.480	149	441071	47.159	ng	94
81) Benzo(a)anthracene	14.056	228	854068	40.658	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	187479	31.967	ng	97
83) Chrysene	14.098	228	784048	39.546	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	612828	54.949	ng	98
85) Di-n-octyl phthalate	14.662	149	874576	56.178	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	556915	42.895	ng	99
88) Benzo(b)fluoranthene	15.127	252	659454	48.222	ng	99
89) Benzo(k)fluoranthene	15.162	252	587062	43.994	ng	99
90) Benzo(a)pyrene	15.509	252	510766	47.152	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	486047	45.300	ng	99
92) Benzo(g,h,i)perylene	17.550	276	461299	43.498	ng	99

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

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