Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
Data File : BF130141.D
Acq On : 06 Sep 2022 17:04
Operator : CG\JU
Sample : PB147437BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB147437BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/07/2022
Supervised By :Jagrut Upadhyay 09/07/2022

Quant Time: Sep 07 02:14:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.698	152	248473	20.000	ng		0.00
21) Naphthalene-d8	7.981	136	1051756	20.000	ng		0.00
39) Acenaphthene-d10	9.734	164	577640	20.000	ng		0.00
64) Phenanthrene-d10	11.210	188	988019	20.000	ng	#	0.00
76) Chrysene-d12	13.839	240	554313	20.000	ng	#	0.00
86) Perylene-d12	15.233	264	458086	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1774885	121.266	ng		0.01
7) Phenol-d6	6.340	99	2271829	124.503	ng		0.00
23) Nitrobenzene-d5	7.269	82	1398175	85.434	ng		0.00
42) 2,4,6-Tribromophenol	10.522	330	741295	140.981	ng		0.00
45) 2-Fluorobiphenyl	9.057	172	2598317	74.578	ng		0.00
79) Terphenyl-d14	12.798	244	2917291	91.265	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.434	88	190408	27.837	ng		96
3) Pyridine	3.134	79	530515	28.924	ng		93
4) n-Nitrosodimethylamine	3.081	42	274171	38.010	ng		87
6) Aniline	6.363	93	828236	36.204	ng	#	50
8) 2-Chlorophenol	6.481	128	708952	44.131	ng		98
9) Benzaldehyde	6.246	77	343750	30.778	ng		97
10) Phenol	6.351	94	861530	41.770	ng	#	69
11) bis(2-Chloroethyl)ether	6.440	93	640408	40.866	ng		99
12) 1,3-Dichlorobenzene	6.640	146	682301	38.313	ng		96
13) 1,4-Dichlorobenzene	6.716	146	694876	38.737	ng		97
14) 1,2-Dichlorobenzene	6.869	146	665346	40.803	ng		97
15) Benzyl Alcohol	6.845	79	544579	44.278	ng		93
16) 2,2'-oxybis(1-Chloropr...	6.981	45	829722	38.958	ng	#	52
17) 2-Methylphenol	6.957	107	575443	42.576	ng	#	87
18) Hexachloroethane	7.210	117	255574	39.455	ng		95
19) n-Nitroso-di-n-propyla...	7.122	70	453364	41.242	ng		93
20) 3+4-Methylphenols	7.110	107	658938	41.574	ng	#	75
22) Acetophenone	7.116	105	897561	38.198	ng	#	97
24) Nitrobenzene	7.287	77	695241	39.945	ng		98
25) Isophorone	7.528	82	1368614	41.318	ng		98
26) 2-Nitrophenol	7.598	139	357002	43.980	ng		95
27) 2,4-Dimethylphenol	7.640	122	644412	46.364	ng		98
28) bis(2-Chloroethoxy)met...	7.740	93	838398	42.136	ng		97
29) 2,4-Dichlorophenol	7.840	162	599684	40.337	ng		99
30) 1,2,4-Trichlorobenzene	7.922	180	579722	36.982	ng		99
31) Naphthalene	8.004	128	1962254	36.992	ng		99
32) Benzoic acid	7.781	122	515034	45.742	ng		100
33) 4-Chloroaniline	8.051	127	678308	31.651	ng		99
34) Hexachlorobutadiene	8.122	225	326709	36.391	ng		100
35) Caprolactam	8.439	113	203499m	44.171	ng		
36) 4-Chloro-3-methylphenol	8.539	107	666224	44.285	ng		95
37) 2-Methylnaphthalene	8.692	142	1330796	38.946	ng		100
38) 1-Methylnaphthalene	8.792	142	1270210	38.244	ng		99
40) 1,2,4,5-Tetrachloroben...	8.857	216	559878	37.170	ng		99
41) Hexachlorocyclopentadiene	8.845	237	657547	83.531	ng		98
43) 2,4,6-Trichlorophenol	8.969	196	433974	40.363	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.010	196	477365	40.963	ng		96
46) 1,1'-Biphenyl	9.157	154	1610643	38.380	ng		99
47) 2-Chloronaphthalene	9.181	162	1281626	38.116	ng		100
48) 2-Nitroaniline	9.281	65	407584	49.190	ng		91
49) Acenaphthylene	9.592	152	1986629	38.908	ng		99
50) Dimethylphthalate	9.469	163	1576587	40.072	ng		100
51) 2,6-Dinitrotoluene	9.528	165	365412	47.636	ng	#	84
52) Acenaphthene	9.769	154	1395328m	43.361	ng		
53) 3-Nitroaniline	9.692	138	331235	37.620	ng		98
54) 2,4-Dinitrophenol	9.798	184	354924	99.697	ng		91
55) Dibenzofuran	9.939	168	1788323	38.810	ng		99
56) 4-Nitrophenol	9.857	139	657849	96.913	ng		94
57) 2,4-Dinitrotoluene	9.928	165	460127	52.100	ng	#	89
58) Fluorene	10.281	166	1365628	38.951	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.051	232	383837	42.407	ng	#	79
60) Diethylphthalate	10.163	149	1567476	41.181	ng		99
61) 4-Chlorophenyl-phenyle...	10.275	204	611613	39.462	ng		99
62) 4-Nitroaniline	10.310	138	411178	48.018	ng		97
63) Azobenzene	10.433	77	1465099	39.094	ng		95
65) 4,6-Dinitro-2-methylph...	10.333	198	222269	47.812	ng		83
66) n-Nitrosodiphenylamine	10.398	169	1313240	39.761	ng		99
67) 4-Bromophenyl-phenylether	10.763	248	439315	39.975	ng		96
68) Hexachlorobenzene	10.822	284	489334	40.864	ng		93
69) Atrazine	10.928	200	440989	47.195	ng		98
70) Pentachlorophenol	11.016	266	590631	88.205	ng		96
71) Phenanthrene	11.239	178	2074970	38.725	ng		98
72) Anthracene	11.292	178	2116194	40.176	ng		99
73) Carbazole	11.445	167	2007280	41.325	ng		99
74) Di-n-butylphthalate	11.780	149	2336197	39.887	ng		99
75) Fluoranthene	12.422	202	2127381	40.039	ng		99
77) Benzidine	12.545	184	901619	60.245	ng		99
78) Pyrene	12.645	202	2166197	43.569	ng		98
80) Butylbenzylphthalate	13.274	149	847769	42.869	ng		100
81) Benzo(a)anthracene	13.827	228	1508209	39.703	ng		99
82) 3,3'-Dichlorobenzidine	13.798	252	445440	37.601	ng		99
83) Chrysene	13.869	228	1474546	39.371	ng		99
84) Bis(2-ethylhexyl)phtha...	13.833	149	828384	33.700	ng		100
85) Di-n-octyl phthalate	14.445	149	1321306	34.029	ng		98
87) Indeno(1,2,3-cd)pyrene	16.580	276	1426578	47.210	ng		96
88) Benzo(b)fluoranthene	14.839	252	1374549	44.996	ng		98
89) Benzo(k)fluoranthene	14.868	252	1231522	41.684	ng		97
90) Benzo(a)pyrene	15.180	252	1132290	46.646	ng		98
91) Dibenzo(a,h)anthracene	16.604	278	1237940	50.067	ng		96
92) Benzo(g,h,i)perylene	16.992	276	1249104	50.492	ng	#	94

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

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