Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
Data File : BF129237.D
Acq On : 15 Jul 2022 14:31
Operator : CG\JU
Sample : PB146243BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jul 16 01:41:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146243BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	303521	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	1268740	20.000	ng		0.00
39) Acenaphthene-d10	9.939	164	667880	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	1103007	20.000	ng	#	0.00
76) Chrysene-d12	14.074	240	687370	20.000	ng	#	0.00
86) Perylene-d12	15.563	264	554295	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	2175605	114.475	ng		0.02
7) Phenol-d6	6.528	99	2861703	116.423	ng		0.00
23) Nitrobenzene-d5	7.463	82	1872813	78.905	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	730103	117.776	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	3109236	78.871	ng		0.00
79) Terphenyl-d14	13.016	244	3148855	85.697	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	250220	28.899	ng		91
3) Pyridine	3.587	79	748491	33.615	ng		91
4) n-Nitrosodimethylamine	3.528	42	414698	39.428	ng		91
6) Aniline	6.563	93	1153778	39.954	ng		99
8) 2-Chlorophenol	6.681	128	885137	44.231	ng		99
9) Benzaldehyde	6.451	77	503662	33.389	ng		98
10) Phenol	6.540	94	1037688m	42.027	ng		
11) bis(2-Chloroethyl)ether	6.634	93	837862	41.840	ng		95
12) 1,3-Dichlorobenzene	6.840	146	842268	39.578	ng		98
13) 1,4-Dichlorobenzene	6.916	146	857332	39.830	ng		99
14) 1,2-Dichlorobenzene	7.069	146	830587	41.399	ng		99
15) Benzyl Alcohol	7.040	79	731715	44.699	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1336697	41.892	ng		95
17) 2-Methylphenol	7.145	107	718329	42.703	ng		99
18) Hexachloroethane	7.410	117	331606	41.231	ng	#	89
19) n-Nitroso-di-n-propyla...	7.310	70	609067	42.127	ng		98
20) 3+4-Methylphenols	7.298	107	872994	42.225	ng		98
22) Acetophenone	7.310	105	1159096	39.588	ng	#	98
24) Nitrobenzene	7.481	77	926557	41.038	ng		96
25) Isophorone	7.722	82	1771420	44.407	ng		99
26) 2-Nitrophenol	7.798	139	472496	41.661	ng		93
27) 2,4-Dimethylphenol	7.834	122	836080	47.409	ng		97
28) bis(2-Chloroethoxy)met...	7.928	93	1068547	40.214	ng		99
29) 2,4-Dichlorophenol	8.039	162	736356	42.000	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	697602	38.346	ng		98
31) Naphthalene	8.204	128	2440860	40.606	ng		99
32) Benzoic acid	7.957	122	584025	42.639	ng		95
33) 4-Chloroaniline	8.251	127	918951	36.864	ng		98
34) Hexachlorobutadiene	8.316	225	394364	38.532	ng		99
35) Caprolactam	8.628	113	259762m	44.602	ng		
36) 4-Chloro-3-methylphenol	8.734	107	814581	42.591	ng		96
37) 2-Methylnaphthalene	8.898	142	1630711	41.622	ng		98
38) 1-Methylnaphthalene	8.998	142	1546535	40.817	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	651263	39.221	ng	#	97
41) Hexachlorocyclopentadiene	9.045	237	808035	96.701	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	495348	40.512	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	544146	42.071	ng	#	91
46) 1,1'-Biphenyl	9.363	154	1901486	40.252	ng		99
47) 2-Chloronaphthalene	9.386	162	1521363	40.888	ng		99
48) 2-Nitroaniline	9.486	65	544068	43.523	ng		88
49) Acenaphthylene	9.804	152	2348718	41.939	ng		99
50) Dimethylphthalate	9.663	163	1783811	41.158	ng		99
51) 2,6-Dinitrotoluene	9.728	165	419519	44.732	ng		99
52) Acenaphthene	9.975	154	1678981m	45.866	ng		
53) 3-Nitroaniline	9.898	138	393825	35.166	ng	#	91
54) 2,4-Dinitrophenol	10.004	184	456307	90.782	ng		96
55) Dibenzofuran	10.151	168	2096188	40.338	ng		97
56) 4-Nitrophenol	10.057	139	776249	87.573	ng		95
57) 2,4-Dinitrotoluene	10.133	165	556902	45.283	ng		94
58) Fluorene	10.492	166	1621282	41.020	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	425508	42.588	ng		93
60) Diethylphthalate	10.363	149	1729428	41.263	ng		99
61) 4-Chlorophenyl-phenyle...	10.481	204	718680	39.252	ng	#	89
62) 4-Nitroaniline	10.516	138	482171	43.488	ng		95
63) Azobenzene	10.645	77	1818923	40.656	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	282288	40.506	ng		96
66) n-Nitrosodiphenylamine	10.604	169	1461682	41.535	ng		96
67) 4-Bromophenyl-phenylether	10.975	248	477594	41.133	ng		97
68) Hexachlorobenzene	11.039	284	512302	42.034	ng		99
69) Atrazine	11.128	200	483598	49.568	ng		95
70) Pentachlorophenol	11.233	266	587674	81.087	ng		98
71) Phenanthrene	11.457	178	2309644	41.243	ng		99
72) Anthracene	11.510	178	2341093	42.085	ng		99
73) Carbazole	11.663	167	2257129	40.678	ng		99
74) Di-n-butylphthalate	11.986	149	2628446	41.220	ng		99
75) Fluoranthene	12.645	202	2384155	42.747	ng		95
77) Benzidine	12.769	184	1293065	67.205	ng		100
78) Pyrene	12.874	202	2390057	42.930	ng		100
80) Butylbenzylphthalate	13.486	149	1093919	44.113	ng		99
81) Benzo(a)anthracene	14.063	228	1878126	43.318	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	547326	50.464	ng	#	97
83) Chrysene	14.104	228	1746966	42.213	ng		98
84) Bis(2-ethylhexyl)phtha...	14.039	149	1451266	43.982	ng		98
85) Di-n-octyl phthalate	14.657	149	2079684	43.943	ng		99
87) Indeno(1,2,3-cd)pyrene	17.074	276	1552774	44.925	ng		97
88) Benzo(b)fluoranthene	15.127	252	1585844	46.571	ng		98
89) Benzo(k)fluoranthene	15.157	252	1512567m	45.464	ng		
90) Benzo(a)pyrene	15.504	252	1343339	48.458	ng		98
91) Dibenzo(a,h)anthracene	17.092	278	1321692	47.275	ng	#	95
92) Benzo(g,h,i)perylene	17.539	276	1384955	48.462	ng		97

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

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