Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129500.D
Acq On : 02 Aug 2022 10:54
Operator : CG\JU
Sample : PB146602BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 02 17:35:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB146602BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	205373	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	848557	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	446563	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	771864	20.000	ng	#	0.00
76) Chrysene-d12	14.057	240	491291	20.000	ng	#	0.00
86) Perylene-d12	15.545	264	411977	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1488551	118.070	ng		0.02
7) Phenol-d6	6.534	99	1910470	120.560	ng		0.01
23) Nitrobenzene-d5	7.451	82	1261030	81.123	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	552685	128.730	ng		0.01
45) 2-Fluorobiphenyl	9.239	172	2221205	76.945	ng		0.00
79) Terphenyl-d14	12.998	244	2433945	93.465	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	159173	27.983	ng		89
3) Pyridine	3.552	79	450472	28.517	ng		90
4) n-Nitrosodimethylamine	3.493	42	264658	38.154	ng		91
6) Aniline	6.546	93	699291	35.497	ng	#	23
8) 2-Chlorophenol	6.675	128	595488	43.234	ng		95
9) Benzaldehyde	6.434	77	329812	30.647	ng		98
10) Phenol	6.546	94	697493m	41.332	ng		
11) bis(2-Chloroethyl)ether	6.616	93	541566	40.467	ng		92
12) 1,3-Dichlorobenzene	6.822	146	586657	39.713	ng		97
13) 1,4-Dichlorobenzene	6.898	146	588704	39.185	ng		100
14) 1,2-Dichlorobenzene	7.051	146	569490	41.240	ng		99
15) Benzyl Alcohol	7.028	79	522066	45.425	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	747170	37.141	ng	#	34
17) 2-Methylphenol	7.145	107	471022	41.222	ng	#	91
18) Hexachloroethane	7.387	117	224793	39.737	ng		89
19) n-Nitroso-di-n-propyla...	7.293	70	402604	41.967	ng		95
20) 3+4-Methylphenols	7.298	107	592697	40.795	ng		93
22) Acetophenone	7.293	105	794506	40.216	ng	#	96
24) Nitrobenzene	7.469	77	609361	38.068	ng		91
25) Isophorone	7.704	82	1138360	40.855	ng		99
26) 2-Nitrophenol	7.781	139	323619	40.981	ng		93
27) 2,4-Dimethylphenol	7.822	122	541733m	45.734	ng		
28) bis(2-Chloroethoxy)met...	7.910	93	688940	42.622	ng		99
29) 2,4-Dichlorophenol	8.028	162	495973	40.567	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	486515	38.445	ng		97
31) Naphthalene	8.187	128	1662880	38.571	ng		99
32) Benzoic acid	7.957	122	245540	28.673	ng		99
33) 4-Chloroaniline	8.234	127	568159	32.100	ng		99
34) Hexachlorobutadiene	8.292	225	281022	39.066	ng		99
35) Caprolactam	8.616	113	171861m	43.237	ng		
36) 4-Chloro-3-methylphenol	8.734	107	555052	42.805	ng		92
37) 2-Methylnaphthalene	8.875	142	1109148	39.589	ng		100
38) 1-Methylnaphthalene	8.975	142	1054075	38.974	ng		97
40) 1,2,4,5-Tetrachloroben...	9.045	216	475645	40.564	ng		97
41) Hexachlorocyclopentadiene	9.028	237	488592	93.575	ng		99
43) 2,4,6-Trichlorophenol	9.163	196	339061	39.812	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	364350	39.340	ng		95
46) 1,1'-Biphenyl	9.339	154	1324289	40.635	ng		99
47) 2-Chloronaphthalene	9.369	162	1039528	39.457	ng		99
48) 2-Nitroaniline	9.469	65	359987	41.091	ng		94
49) Acenaphthylene	9.786	152	1625443	40.603	ng		99
50) Dimethylphthalate	9.645	163	1250418	40.562	ng		100
51) 2,6-Dinitrotoluene	9.710	165	286158	41.473	ng		98
52) Acenaphthene	9.957	154	1150930m	44.018	ng		
53) 3-Nitroaniline	9.886	138	261763	32.128	ng	#	89
54) 2,4-Dinitrophenol	9.998	184	290764	82.548	ng	#	85
55) Dibenzofuran	10.128	168	1459005	40.478	ng		96
56) 4-Nitrophenol	10.069	139	432291	71.918	ng		97
57) 2,4-Dinitrotoluene	10.116	165	384577	42.666	ng		100
58) Fluorene	10.475	166	1178909	40.878	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	276604	38.647	ng		92
60) Diethylphthalate	10.345	149	1209476	40.585	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	528160	41.541	ng		95
62) 4-Nitroaniline	10.504	138	323044	39.968	ng		99
63) Azobenzene	10.622	77	1188531	39.102	ng		95
65) 4,6-Dinitro-2-methylph...	10.534	198	191121	39.230	ng		82
66) n-Nitrosodiphenylamine	10.586	169	1029406	40.047	ng		97
67) 4-Bromophenyl-phenylether	10.951	248	341701	40.428	ng		93
68) Hexachlorobenzene	11.022	284	379576	41.447	ng		99
69) Atrazine	11.110	200	349381	44.748	ng		95
70) Pentachlorophenol	11.222	266	352478	70.798	ng		98
71) Phenanthrene	11.439	178	1668038	39.589	ng		99
72) Anthracene	11.492	178	1710384	41.308	ng		100
73) Carbazole	11.651	167	1630066	41.821	ng		100
74) Di-n-butylphthalate	11.963	149	1853067	39.922	ng		100
75) Fluoranthene	12.627	202	1743395	40.837	ng		98
77) Benzidine	12.751	184	990047	57.043	ng		99
78) Pyrene	12.863	202	1760301	42.847	ng		99
80) Butylbenzylphthalate	13.463	149	747858	41.968	ng		99
81) Benzo(a)anthracene	14.045	228	1384139	41.244	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	363334	32.791	ng		97
83) Chrysene	14.086	228	1245966	39.393	ng		99
84) Bis(2-ethylhexyl)phtha...	14.016	149	952417	40.597	ng		100
85) Di-n-octyl phthalate	14.633	149	1395517	41.337	ng		97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1144161	41.242	ng		99
88) Benzo(b)fluoranthene	15.110	252	1198721	43.865	ng		100
89) Benzo(k)fluoranthene	15.139	252	1115890	41.668	ng		99
90) Benzo(a)pyrene	15.486	252	999041	45.034	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	975055	43.182	ng		99
92) Benzo(g,h,i)perylene	17.521	276	1005888	43.595	ng		99

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

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