Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081122\
Data File : BM036209.D
Acq On : 11 Aug 2022 14:55
Operator : CG/JU
Sample : PB146615BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 12 02:13:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 10 22:19:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB146615BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/12/2022
Supervised By :Jagrut Upadhyay 08/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	290648	20.000	ng		0.00
21) Naphthalene-d8	10.634	136	1235545	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	666120	20.000	ng		0.00
64) Phenanthrene-d10	17.215	188	1127865	20.000	ng		0.00
76) Chrysene-d12	21.398	240	816922	20.000	ng		0.00
86) Perylene-d12	23.739	264	760808	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	2454629	136.921	ng		0.00
7) Phenol-d6	7.028	99	3137868	137.558	ng		0.00
23) Nitrobenzene-d5	9.004	82	1869103	84.681	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	899421	115.097	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	3851675	85.373	ng		0.00
79) Terphenyl-d14	19.839	244	4040770	97.564	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.269	88	208324	28.838	ng		93
3) Pyridine	3.675	79	610641	31.523	ng		90
4) n-Nitrosodimethylamine	3.587	42	335623	42.162	ng	#	66
6) Aniline	7.163	93	1169103	46.281	ng		95
8) 2-Chlorophenol	7.398	128	875506	45.804	ng		96
9) Benzaldehyde	6.969	77	418386	34.645	ng		96
10) Phenol	7.057	94	1125709	49.011	ng		91
11) bis(2-Chloroethyl)ether	7.263	93	786120	41.548	ng		94
12) 1,3-Dichlorobenzene	7.716	146	856608	40.442	ng		97
13) 1,4-Dichlorobenzene	7.863	146	881312	40.801	ng		98
14) 1,2-Dichlorobenzene	8.181	146	856675	41.103	ng		98
15) Benzyl Alcohol	8.087	79	719299m	46.990	ng		
16) 2,2'-oxybis(1-Chloropr...	8.369	45	1022986	40.661	ng		97
17) 2-Methylphenol	8.298	107	720309	47.376	ng		96
18) Hexachloroethane	8.904	117	315582	40.585	ng		96
19) n-Nitroso-di-n-propyla...	8.645	70	591459	42.686	ng		90
20) 3+4-Methylphenols	8.628	107	969709	46.944	ng		96
22) Acetophenone	8.663	105	1247669	42.659	ng	#	92
24) Nitrobenzene	9.045	77	921176	44.394	ng		96
25) Isophorone	9.569	82	1601279	44.595	ng		98
26) 2-Nitrophenol	9.751	139	453416	46.328	ng		92
27) 2,4-Dimethylphenol	9.828	122	780565	51.485	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	990542	38.720	ng		100
29) 2,4-Dichlorophenol	10.292	162	761485	44.663	ng		99
30) 1,2,4-Trichlorobenzene	10.492	180	747821	38.705	ng		97
31) Naphthalene	10.681	128	2577464	41.959	ng		99
32) Benzoic acid	10.004	122	541225	45.034	ng		94
33) 4-Chloroaniline	10.804	127	840332	33.944	ng		96
34) Hexachlorobutadiene	10.957	225	422536	37.216	ng		99
35) Caprolactam	11.616	113	226375	43.106	ng		95
36) 4-Chloro-3-methylphenol	11.951	107	783179	43.702	ng		99
37) 2-Methylnaphthalene	12.292	142	1717343	42.012	ng		98
38) 1-Methylnaphthalene	12.516	142	1638090	40.921	ng		98
40) 1,2,4,5-Tetrachloroben...	12.663	216	790081	43.749	ng		99
41) Hexachlorocyclopentadiene	12.633	237	993817	103.905	ng		99
43) 2,4,6-Trichlorophenol	12.916	196	547950	44.590	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.992	196	594317	45.815	ng	98
46) 1,1'-Biphenyl	13.310	154	2131803	43.914	ng	99
47) 2-Chloronaphthalene	13.351	162	1646226	44.308	ng	99
48) 2-Nitroaniline	13.569	65	484324	47.833	ng	90
49) Acenaphthylene	14.192	152	2612955	45.496	ng	100
50) Dimethylphthalate	13.939	163	1802020	39.781	ng	99
51) 2,6-Dinitrotoluene	14.063	165	409143	45.016	ng	92
52) Acenaphthene	14.533	154	1814763m	48.304	ng	
53) 3-Nitroaniline	14.398	138	368057	34.709	ng	93
54) 2,4-Dinitrophenol	14.604	184	453413	94.273	ng	86
55) Dibenzofuran	14.869	168	2360698	41.960	ng	99
56) 4-Nitrophenol	14.727	139	745847	87.894	ng	86
57) 2,4-Dinitrotoluene	14.851	165	535781	44.975	ng	99
58) Fluorene	15.521	166	1867660	42.084	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.104	232	446030	40.591	ng	98
60) Diethylphthalate	15.298	149	1712057	36.778	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	867063	39.182	ng	95
62) 4-Nitroaniline	15.557	138	446474m	40.928	ng	
63) Azobenzene	15.804	77	1738292	39.280	ng	93
65) 4,6-Dinitro-2-methylph...	15.610	198	256746	44.520	ng	94
66) n-Nitrosodiphenylamine	15.733	169	1513059	47.522	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	489462	43.386	ng	98
68) Hexachlorobenzene	16.515	284	589683	45.555	ng	92
69) Atrazine	16.686	200	461644	51.817	ng	99
70) Pentachlorophenol	16.868	266	679985	89.695	ng	99
71) Phenanthrene	17.257	178	2593964	45.143	ng	99
72) Anthracene	17.345	178	2616797	47.039	ng	99
73) Carbazole	17.627	167	2397118	42.528	ng	98
74) Di-n-butylphthalate	18.186	149	2451204	36.430	ng	99
75) Fluoranthene	19.274	202	2568264	39.929	ng	99
77) Benzidine	19.468	184	1464936	119.573	ng	99
78) Pyrene	19.633	202	2646789	52.249	ng	99
80) Butylbenzylphthalate	20.539	149	932016	42.628	ng	97
81) Benzo(a)anthracene	21.380	228	2290343	45.518	ng	99
82) 3,3'-Dichlorobenzidine	21.321	252	750690	61.442	ng	100
83) Chrysene	21.433	228	2136492	44.667	ng	100
84) Bis(2-ethylhexyl)phtha...	21.309	149	1249307	37.875	ng	99
85) Di-n-octyl phthalate	22.221	149	1934333	35.933	ng	95
87) Indeno(1,2,3-cd)pyrene	26.180	276	2497003	46.703	ng	98
88) Benzo(b)fluoranthene	23.027	252	2175922	48.815	ng	98
89) Benzo(k)fluoranthene	23.074	252	2159980	47.977	ng	98
90) Benzo(a)pyrene	23.639	252	1932442	51.670	ng	99
91) Dibenzo(a,h)anthracene	26.191	278	2180488	48.722	ng	98
92) Benzo(g,h,i)perylene	26.927	276	2230482	51.482	ng	100

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

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