Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051922\
Data File : BM035153.D
Acq On : 19 May 2022 15:00
Operator : CG/JU
Sample : PB144931BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 20 04:55:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB144931BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/20/2022
Supervised By :Jagrut Upadhyay 05/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	174708	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	684683	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	370814	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	640657	20.000	ng		0.00
76) Chrysene-d12	21.468	240	495869	20.000	ng		0.00
86) Perylene-d12	23.856	264	474899	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1275531	128.805	ng		0.00
7) Phenol-d6	7.075	99	1521413	119.009	ng		0.00
23) Nitrobenzene-d5	9.063	82	1038848	81.935	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	459428	113.897	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	2131825	83.457	ng		0.00
79) Terphenyl-d14	19.909	244	2350071	91.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	117413	29.303	ng		97
3) Pyridine	3.781	79	315800	28.288	ng		98
4) n-Nitrosodimethylamine	3.693	42	237803	43.202	ng		98
6) Aniline	7.228	93	579625	39.472	ng		98
8) 2-Chlorophenol	7.469	128	465931	42.274	ng		99
9) Benzaldehyde	7.040	77	243372	29.250	ng		100
10) Phenol	7.104	94	533363	40.795	ng		99
11) bis(2-Chloroethyl)ether	7.328	93	413458	42.007	ng		99
12) 1,3-Dichlorobenzene	7.798	146	506429	40.563	ng		100
13) 1,4-Dichlorobenzene	7.940	146	514369	40.256	ng		99
14) 1,2-Dichlorobenzene	8.257	146	492523	40.488	ng		98
15) Benzyl Alcohol	8.145	79	394646	41.308	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	624980	39.181	ng		99
17) 2-Methylphenol	8.351	107	357725	40.294	ng		98
18) Hexachloroethane	8.987	117	196858	41.976	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	332745	39.758	ng		98
20) 3+4-Methylphenols	8.681	107	472541	38.901	ng		99
22) Acetophenone	8.728	105	650864	39.251	ng	#	99
24) Nitrobenzene	9.110	77	501167	39.295	ng		100
25) Isophorone	9.640	82	850234	40.108	ng		99
26) 2-Nitrophenol	9.822	139	240299	43.178	ng		99
27) 2,4-Dimethylphenol	9.887	122	388638	45.285	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	515972	42.294	ng		100
29) 2,4-Dichlorophenol	10.357	162	394647	39.003	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	459813	40.148	ng		99
31) Naphthalene	10.757	128	1324000	37.486	ng		100
32) Benzoic acid	10.022	122	271103	39.375	ng		98
33) 4-Chloroaniline	10.863	127	339030	23.862	ng		99
34) Hexachlorobutadiene	11.051	225	286010	40.446	ng		98
35) Caprolactam	11.645	113	105154	35.982	ng		95
36) 4-Chloro-3-methylphenol	11.992	107	393482	37.581	ng		98
37) 2-Methylnaphthalene	12.369	142	895086	36.574	ng		100
38) 1-Methylnaphthalene	12.586	142	855776	35.807	ng		98
40) 1,2,4,5-Tetrachloroben...	12.739	216	465183	44.057	ng		99
41) Hexachlorocyclopentadiene	12.722	237	666798	105.477	ng		97
43) 2,4,6-Trichlorophenol	12.975	196	298627	41.779	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	315961	39.807	ng	99
46) 1,1'-Biphenyl	13.380	154	1134905	40.625	ng	100
47) 2-Chloronaphthalene	13.422	162	871288	40.021	ng	99
48) 2-Nitroaniline	13.616	65	251115	40.096	ng	96
49) Acenaphthylene	14.263	152	1377747	41.104	ng	100
50) Dimethylphthalate	14.004	163	1004741	36.343	ng	99
51) 2,6-Dinitrotoluene	14.116	165	217022	38.557	ng	99
52) Acenaphthene	14.610	154	949704m	41.820	ng	
53) 3-Nitroaniline	14.439	138	160669	26.605	ng	95
54) 2,4-Dinitrophenol	14.651	184	250444	75.645	ng	98
55) Dibenzofuran	14.939	168	1213399	37.427	ng	99
56) 4-Nitrophenol	14.751	139	355729	72.117	ng	95
57) 2,4-Dinitrotoluene	14.904	165	286238	37.939	ng	96
58) Fluorene	15.592	166	965517	35.853	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	245233	36.343	ng	99
60) Diethylphthalate	15.369	149	997067	35.410	ng	100
61) 4-Chlorophenyl-phenyle...	15.586	204	486408	37.741	ng	99
62) 4-Nitroaniline	15.604	138	200965	32.137	ng	95
63) Azobenzene	15.880	77	938058	36.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.669	198	148384	38.745	ng	94
66) n-Nitrosodiphenylamine	15.798	169	813507	41.899	ng	100
67) 4-Bromophenyl-phenylether	16.480	248	278330	42.739	ng	97
68) Hexachlorobenzene	16.598	284	307505	41.824	ng	99
69) Atrazine	16.751	200	267198	40.991	ng	99
70) Pentachlorophenol	16.939	266	372186	80.792	ng	98
71) Phenanthrene	17.327	178	1359855	38.085	ng	99
72) Anthracene	17.421	178	1359027	39.419	ng	100
73) Carbazole	17.686	167	1192990	37.887	ng	100
74) Di-n-butylphthalate	18.262	149	1501531	37.479	ng	100
75) Fluoranthene	19.345	202	1383920	35.298	ng	99
77) Benzidine	19.527	184	622875	41.118	ng	100
78) Pyrene	19.709	202	1415693	43.172	ng	100
80) Butylbenzylphthalate	20.609	149	593882	41.260	ng	98
81) Benzo(a)anthracene	21.456	228	1287853	38.922	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	399271	41.402	ng	99
83) Chrysene	21.509	228	1199062	37.940	ng	99
84) Bis(2-ethylhexyl)phtha...	21.392	149	869992	39.307	ng	100
85) Di-n-octyl phthalate	22.309	149	1417505	38.849	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1452978	40.242	ng	99
88) Benzo(b)fluoranthene	23.133	252	1262152	42.256	ng	100
89) Benzo(k)fluoranthene	23.180	252	1204477	39.836	ng	99
90) Benzo(a)pyrene	23.750	252	1202989	48.478	ng	100
91) Dibenzo(a,h)anthracene	26.344	278	1274325	42.075	ng	99
92) Benzo(g,h,i)perylene	27.091	276	1278895	43.946	ng	100

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

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