Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052022\
Data File : BM035172.D
Acq On : 20 May 2022 12:22
Operator : CG/JU
Sample : PB144941BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 23 04:16:47 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 :
PB144941BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2022
Supervised By :Jagrut Upadhyay 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	204711	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	783703	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	437926	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	746955	20.000	ng		0.00
76) Chrysene-d12	21.474	240	586792	20.000	ng	#	0.00
86) Perylene-d12	23.856	264	545692	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	996395	85.870	ng		0.00
7) Phenol-d6	7.081	99	1216713	81.226	ng		0.00
23) Nitrobenzene-d5	9.069	82	1162268	80.087	ng		0.00
42) 2,4,6-Tribromophenol	16.033	330	401370	84.255	ng		0.00
45) 2-Fluorobiphenyl	13.174	172	2586207	85.730	ng		0.00
79) Terphenyl-d14	19.915	244	2906606	95.908	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	131145	27.933	ng		99
3) Pyridine	3.787	79	359043	27.447	ng		96
4) n-Nitrosodimethylamine	3.693	42	257364	39.903	ng		97
6) Aniline	7.234	93	563901	32.773	ng		99
8) 2-Chlorophenol	7.475	128	547881	42.424	ng		96
9) Benzaldehyde	7.039	77	275827	28.292	ng		99
10) Phenol	7.104	94	632312	41.275	ng		98
11) bis(2-Chloroethyl)ether	7.328	93	461880	40.049	ng		98
12) 1,3-Dichlorobenzene	7.798	146	570005	38.964	ng		99
13) 1,4-Dichlorobenzene	7.939	146	582972	38.938	ng		100
14) 1,2-Dichlorobenzene	8.257	146	567137	39.789	ng		99
15) Benzyl Alcohol	8.145	79	473181	42.269	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.439	45	639043	34.191	ng		98
17) 2-Methylphenol	8.357	107	430753	41.409	ng		99
18) Hexachloroethane	8.986	117	210983	38.394	ng		96
19) n-Nitroso-di-n-propyla...	8.722	70	380470	38.798	ng		96
20) 3+4-Methylphenols	8.686	107	574220	40.344	ng		100
22) Acetophenone	8.733	105	756055	39.834	ng	#	96
24) Nitrobenzene	9.110	77	562526	38.533	ng		99
25) Isophorone	9.639	82	977717	40.295	ng		99
26) 2-Nitrophenol	9.822	139	289044	45.374	ng		97
27) 2,4-Dimethylphenol	9.886	122	458929	46.719	ng		96
28) bis(2-Chloroethoxy)met...	10.122	93	587851	42.098	ng		100
29) 2,4-Dichlorophenol	10.363	162	501450	43.297	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	543332	41.446	ng		99
31) Naphthalene	10.757	128	1522095	37.649	ng		100
32) Benzoic acid	10.039	122	334754	42.477	ng		99
33) 4-Chloroaniline	10.869	127	217023	13.345	ng		98
34) Hexachlorobutadiene	11.051	225	348430	43.048	ng		99
35) Caprolactam	11.657	113	127889	38.232	ng		94
36) 4-Chloro-3-methylphenol	11.998	107	474946	39.630	ng		97
37) 2-Methylnaphthalene	12.369	142	1048108	37.415	ng		99
38) 1-Methylnaphthalene	12.592	142	1005511	36.757	ng		99
40) 1,2,4,5-Tetrachloroben...	12.745	216	599545	48.080	ng		99
41) Hexachlorocyclopentadiene	12.727	237	820529	109.904	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	389215	46.108	ng		99

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44) 2,4,5-Trichlorophenol	13.051	196	409568	43.693	ng		97
46) 1,1'-Biphenyl	13.380	154	1358356	41.172	ng		99
47) 2-Chloronaphthalene	13.421	162	1058980	41.187	ng		99
48) 2-Nitroaniline	13.621	65	286423	38.725	ng		96
49) Acenaphthylene	14.268	152	1659037	41.911	ng		100
50) Dimethylphthalate	14.004	163	1232468	37.748	ng		100
51) 2,6-Dinitrotoluene	14.121	165	270897	40.753	ng		92
52) Acenaphthene	14.610	154	1139896m	42.503	ng		
53) 3-Nitroaniline	14.445	138	150847	21.151	ng		100
54) 2,4-Dinitrophenol	14.657	184	318064	81.347	ng		94
55) Dibenzofuran	14.945	168	1487613	38.853	ng		99
56) 4-Nitrophenol	14.762	139	414414	71.139	ng		97
57) 2,4-Dinitrotoluene	14.910	165	355658	39.916	ng		97
58) Fluorene	15.592	166	1187122	37.326	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	325356	40.827	ng		92
60) Diethylphthalate	15.368	149	1182429	35.557	ng		99
61) 4-Chlorophenyl-phenyle...	15.586	204	627348	41.217	ng		96
62) 4-Nitroaniline	15.609	138	237206	32.119	ng		98
63) Azobenzene	15.880	77	1043154	34.394	ng		97
65) 4,6-Dinitro-2-methylph...	15.674	198	189775	42.501	ng		95
66) n-Nitrosodiphenylamine	15.804	169	999417	44.149	ng		100
67) 4-Bromophenyl-phenylether	16.480	248	365010	48.073	ng		94
68) Hexachlorobenzene	16.604	284	406670	47.440	ng	#	91
69) Atrazine	16.756	200	333757	43.915	ng		98
70) Pentachlorophenol	16.945	266	478086	89.012	ng		99
71) Phenanthrene	17.333	178	1662562	39.937	ng		100
72) Anthracene	17.421	178	1668900	41.518	ng		100
73) Carbazole	17.692	167	1434387	39.071	ng		99
74) Di-n-butylphthalate	18.262	149	1742500	37.304	ng		99
75) Fluoranthene	19.345	202	1721172	37.652	ng		98
77) Benzidine	19.527	184	432318	24.117	ng		99
78) Pyrene	19.709	202	1749240	45.078	ng		100
80) Butylbenzylphthalate	20.609	149	686788	40.322	ng		96
81) Benzo(a)anthracene	21.456	228	1573627	40.190	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	440043	38.559	ng		99
83) Chrysene	21.509	228	1464927	39.170	ng		99
84) Bis(2-ethylhexyl)phtha...	21.391	149	1006993	38.447	ng	#	98
85) Di-n-octyl phthalate	22.315	149	1649992	38.214	ng		98
87) Indeno(1,2,3-cd)pyrene	26.338	276	1618281	39.006	ng		98
88) Benzo(b)fluoranthene	23.133	252	1468889	42.798	ng		99
89) Benzo(k)fluoranthene	23.180	252	1439863	41.443	ng		100
90) Benzo(a)pyrene	23.756	252	1399692	49.088	ng		99
91) Dibenzo(a,h)anthracene	26.350	278	1430212	41.096	ng		98
92) Benzo(g,h,i)perylene	27.091	276	1411012	42.196	ng		97

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

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