Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011922\
Data File : BM033778.D
Acq On : 19 Jan 2022 10:55
Operator : CG/JU
Sample : PB142096BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 19 15:21:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 17 16:30:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB142096BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/20/2022
Supervised By :Jagrut Upadhyay 01/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.949	152	189446	20.000	ng		0.00
21) Naphthalene-d8	10.766	136	811043	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	525521	20.000	ng		0.00
64) Phenanthrene-d10	17.325	188	1020288	20.000	ng		0.00
76) Chrysene-d12	21.489	240	806327	20.000	ng		0.00
86) Perylene-d12	23.889	264	652194	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.496	112	1433284	127.127	ng		0.00
7) Phenol-d6	7.113	99	1934968	121.822	ng		0.00
23) Nitrobenzene-d5	9.119	82	1175147	71.305	ng		0.00
42) 2,4,6-Tribromophenol	16.072	330	711398	99.848	ng		0.00
45) 2-Fluorobiphenyl	13.219	172	2691865	72.062	ng		0.00
79) Terphenyl-d14	19.936	244	3552258	73.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	202785	46.032	ng		93
3) Pyridine	3.743	79	518080	40.721	ng		95
4) n-Nitrosodimethylamine	3.649	42	288353	48.320	ng	#	69
6) Aniline	7.272	93	850025	46.102	ng		96
8) 2-Chlorophenol	7.513	128	686085	52.527	ng		90
9) Benzaldehyde	7.078	77	531483	69.635	ng		90
10) Phenol	7.143	94	853323	53.568	ng		92
11) bis(2-Chloroethyl)ether	7.372	93	615820	48.067	ng		95
12) 1,3-Dichlorobenzene	7.843	146	681584	47.175	ng		96
13) 1,4-Dichlorobenzene	7.984	146	705024	47.431	ng		97
14) 1,2-Dichlorobenzene	8.307	146	676694	46.684	ng		98
15) Benzyl Alcohol	8.190	79	638618	47.548	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.490	45	889718	50.177	ng		98
17) 2-Methylphenol	8.396	107	590566	51.034	ng		94
18) Hexachloroethane	9.043	117	264753	48.169	ng		97
19) n-Nitroso-di-n-propyla...	8.766	70	510558	44.866	ng		90
20) 3+4-Methylphenols	8.731	107	800664	49.520	ng		93
22) Acetophenone	8.778	105	991314	46.294	ng	#	93
24) Nitrobenzene	9.160	77	766785	49.446	ng		91
25) Isophorone	9.696	82	1382528	47.633	ng		97
26) 2-Nitrophenol	9.872	139	362004	48.326	ng	#	84
27) 2,4-Dimethylphenol	9.937	122	658249	57.549	ng		96
28) bis(2-Chloroethoxy)met...	10.172	93	867361	46.902	ng		98
29) 2,4-Dichlorophenol	10.413	162	659406	50.421	ng		99
30) 1,2,4-Trichlorobenzene	10.631	180	648354	45.818	ng		100
31) Naphthalene	10.819	128	2049173	46.805	ng		100
32) Benzoic acid	10.096	122	444075	48.379	ng		89
33) 4-Chloroaniline	10.919	127	332185	18.233	ng		93
34) Hexachlorobutadiene	11.113	225	409739	44.186	ng		97
35) Caprolactam	11.713	113	197786m	42.469	ng		
36) 4-Chloro-3-methylphenol	12.048	107	761978	47.305	ng		96
37) 2-Methylnaphthalene	12.425	142	1471391	46.913	ng		99
38) 1-Methylnaphthalene	12.642	142	1387999	45.335	ng		99
40) 1,2,4,5-Tetrachloroben...	12.795	216	725089	47.681	ng		99
41) Hexachlorocyclopentadiene	12.778	237	1118020	119.453	ng		98
43) 2,4,6-Trichlorophenol	13.031	196	518520	47.753	ng		96

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44)	2,4,5-Trichlorophenol	13.101	196	556031	47.552	ng		95
46)	1,1'-Biphenyl	13.431	154	1931071	48.553	ng		99
47)	2-Chloronaphthalene	13.472	162	1464631	48.260	ng		98
48)	2-Nitroaniline	13.666	65	486023	48.966	ng		87
49)	Acenaphthylene	14.313	152	2413618	49.357	ng		99
50)	Dimethylphthalate	14.048	163	1875113	45.287	ng		99
51)	2,6-Dinitrotoluene	14.160	165	406941	48.706	ng		93
52)	Acenaphthene	14.654	154	1690958m	51.729	ng		
53)	3-Nitroaniline	14.484	138	219992	24.077	ng		92
54)	2,4-Dinitrophenol	14.689	184	432664	85.550	ng		92
55)	Dibenzofuran	14.983	168	2229454	45.642	ng		97
56)	4-Nitrophenol	14.795	139	685565	91.435	ng		87
57)	2,4-Dinitrotoluene	14.942	165	558369	48.034	ng		85
58)	Fluorene	15.631	166	1762914	45.790	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.213	232	465319	43.637	ng		99
60)	Diethylphthalate	15.407	149	1958442	45.111	ng		99
61)	4-Chlorophenyl-phenyle...	15.625	204	900440	44.736	ng		96
62)	4-Nitroaniline	15.648	138	402584	41.953	ng		90
63)	Azobenzene	15.919	77	1873915	46.946	ng		93
65)	4,6-Dinitro-2-methylph...	15.707	198	281675	42.150	ng		85
66)	n-Nitrosodiphenylamine	15.836	169	1551315	48.855	ng		98
67)	4-Bromophenyl-phenylether	16.513	248	538429	46.447	ng		94
68)	Hexachlorobenzene	16.636	284	598077	47.261	ng		96
69)	Atrazine	16.789	200	569076	47.842	ng		98
70)	Pentachlorophenol	16.977	266	759231	93.348	ng		99
71)	Phenanthrene	17.366	178	2684091	47.256	ng		99
72)	Anthracene	17.460	178	2740069	49.051	ng		99
73)	Carbazole	17.724	167	2410785	44.219	ng		99
74)	Di-n-butylphthalate	18.289	149	3216873	46.814	ng		100
75)	Fluoranthene	19.371	202	2885989	45.377	ng		99
77)	Benzidine	19.554	184	1507981	73.713	ng		99
78)	Pyrene	19.736	202	2917809	48.980	ng		99
80)	Butylbenzylphthalate	20.624	149	1308691	47.715	ng		95
81)	Benzo(a)anthracene	21.471	228	2482963	46.525	ng		99
82)	3,3'-Dichlorobenzidine	21.401	252	549573	28.798	ng		99
83)	Chrysene	21.524	228	2378392	46.657	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.401	149	1918043	48.396	ng		100
85)	Di-n-octyl phthalate	22.324	149	3092038	48.554	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.406	276	1961917	45.247	ng		97
88)	Benzo(b)fluoranthene	23.159	252	2205522	52.974	ng		99
89)	Benzo(k)fluoranthene	23.206	252	2087870	50.074	ng		99
90)	Benzo(a)pyrene	23.783	252	1980797	58.202	ng		98
91)	Dibenzo(a,h)anthracene	26.424	278	1744919	47.639	ng	#	95
92)	Benzo(g,h,i)perylene	27.177	276	1646234	47.232	ng		97

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

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