Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
Data File : BM035191.D
Acq On : 23 May 2022 13:12
Operator : CG/JU
Sample : PB144942BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 24 03:16:09 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 :
PB144942BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2022
Supervised By :Jagrut Upadhyay 05/24/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	189655	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	781234	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	491829	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	969567	20.000	ng	0.00
76) Chrysene-d12	21.468	240	844124	20.000	ng	# 0.00
86) Perylene-d12	23.850	264	691014	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1452005	135.069	ng	0.00
7) Phenol-d6	7.081	99	1832979	132.081	ng	0.00
23) Nitrobenzene-d5	9.069	82	1177683	81.406	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	827488	154.667	ng	0.00
45) 2-Fluorobiphenyl	13.168	172	2992392	88.323	ng	0.00
79) Terphenyl-d14	19.909	244	4226873	96.954	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	120991	27.816	ng	94
3) Pyridine	3.781	79	302711	24.978	ng	93
4) n-Nitrosodimethylamine	3.693	42	227886	38.138	ng	90
6) Aniline	7.228	93	643870	40.391	ng	98
8) 2-Chlorophenol	7.469	128	582777	48.709	ng	94
9) Benzaldehyde	7.039	77	239641	26.532	ng	96
10) Phenol	7.110	94	675652	47.606	ng	97
11) bis(2-Chloroethyl)ether	7.328	93	488536	45.723	ng	96
12) 1,3-Dichlorobenzene	7.792	146	591434	43.639	ng	96
13) 1,4-Dichlorobenzene	7.939	146	611131	44.059	ng	99
14) 1,2-Dichlorobenzene	8.257	146	592266	44.851	ng	99
15) Benzyl Alcohol	8.145	79	495497m	47.777	ng	
16) 2,2'-oxybis(1-Chloropr...	8.439	45	641494	37.047	ng	95
17) 2-Methylphenol	8.357	107	471440	48.918	ng	98
18) Hexachloroethane	8.986	117	215800	42.389	ng	90
19) n-Nitroso-di-n-propyla...	8.722	70	402060	44.254	ng	92
20) 3+4-Methylphenols	8.686	107	631217	47.869	ng	99
22) Acetophenone	8.728	105	834528	44.107	ng	96
24) Nitrobenzene	9.110	77	593385	40.775	ng	97
25) Isophorone	9.639	82	1031690	42.654	ng	98
26) 2-Nitrophenol	9.816	139	320575	50.483	ng	97
27) 2,4-Dimethylphenol	9.886	122	516998	52.797	ng	96
28) bis(2-Chloroethoxy)met...	10.122	93	650313	46.718	ng	99
29) 2,4-Dichlorophenol	10.357	162	581557	50.373	ng	98
30) 1,2,4-Trichlorobenzene	10.574	180	617873	47.281	ng	98
31) Naphthalene	10.757	128	1701326	42.216	ng	100
32) Benzoic acid	10.057	122	401175	51.066	ng	98
33) 4-Chloroaniline	10.863	127	407239	25.121	ng	98
34) Hexachlorobutadiene	11.051	225	404439	50.125	ng	98
35) Caprolactam	11.669	113	161014	48.287	ng	90
36) 4-Chloro-3-methylphenol	11.998	107	566822	47.446	ng	99
37) 2-Methylnaphthalene	12.368	142	1265680	45.325	ng	99
38) 1-Methylnaphthalene	12.586	142	1171769	42.970	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	752744	53.750	ng	97
41) Hexachlorocyclopentadiene	12.721	237	910714	108.615	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	485967	51.260	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	525956	49.960	ng		95
46) 1,1'-Biphenyl	13.380	154	1679472	45.326	ng		99
47) 2-Chloronaphthalene	13.421	162	1280055	44.329	ng		99
48) 2-Nitroaniline	13.621	65	348485	41.952	ng		94
49) Acenaphthylene	14.262	152	1955760	43.992	ng		99
50) Dimethylphthalate	14.004	163	1576505	42.994	ng		100
51) 2,6-Dinitrotoluene	14.121	165	353405	47.338	ng		86
52) Acenaphthene	14.610	154	1433182m	47.581	ng		
53) 3-Nitroaniline	14.445	138	246685	30.797	ng		97
54) 2,4-Dinitrophenol	14.657	184	446340	101.643	ng		86
55) Dibenzofuran	14.945	168	1880762	43.738	ng		96
56) 4-Nitrophenol	14.768	139	555098	84.846	ng		92
57) 2,4-Dinitrotoluene	14.910	165	485972	48.563	ng		89
58) Fluorene	15.592	166	1542085	43.173	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.168	232	452521	50.561	ng	#	87
60) Diethylphthalate	15.368	149	1564128	41.881	ng		98
61) 4-Chlorophenyl-phenyle...	15.586	204	821995	48.087	ng		92
62) 4-Nitroaniline	15.609	138	328558	39.613	ng		98
63) Azobenzene	15.880	77	1290938	37.899	ng		94
65) 4,6-Dinitro-2-methylph...	15.674	198	276165	47.648	ng		89
66) n-Nitrosodiphenylamine	15.798	169	1326382	45.139	ng		100
67) 4-Bromophenyl-phenylether	16.474	248	509603	51.707	ng		94
68) Hexachlorobenzene	16.598	284	570254	51.249	ng	#	90
69) Atrazine	16.756	200	497451	50.426	ng		97
70) Pentachlorophenol	16.939	266	725687	104.090	ng		99
71) Phenanthrene	17.327	178	2324166	43.011	ng		100
72) Anthracene	17.421	178	2350929	45.057	ng		99
73) Carbazole	17.692	167	2051620	43.053	ng		98
74) Di-n-butylphthalate	18.262	149	2553428	42.114	ng		99
75) Fluoranthene	19.345	202	2621038	44.173	ng		98
77) Benzidine	19.527	184	852239	33.049	ng		99
78) Pyrene	19.703	202	2647601	47.429	ng		99
80) Butylbenzylphthalate	20.603	149	1044104	42.612	ng		95
81) Benzo(a)anthracene	21.450	228	2379173	42.240	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	763407	46.501	ng	#	99
83) Chrysene	21.503	228	2321154	43.144	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	1515880	40.233	ng	#	97
85) Di-n-octyl phthalate	22.309	149	2397750	38.603	ng		96
87) Indeno(1,2,3-cd)pyrene	26.326	276	2266337	43.138	ng		96
88) Benzo(b)fluoranthene	23.127	252	2158515	49.665	ng		99
89) Benzo(k)fluoranthene	23.180	252	2148885	48.843	ng		99
90) Benzo(a)pyrene	23.750	252	2037915	56.440	ng		98
91) Dibenzo(a,h)anthracene	26.344	278	1942719	44.083	ng		97
92) Benzo(g,h,i)perylene	27.085	276	1907630	45.050	ng		96

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

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