Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011422\
Data File : BP008815.D
Acq On : 14 Jan 2022 20:00
Operator : CG/JU
Sample : PB142011BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB142011BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2022
Supervised By :Jagrut Upadhyay 01/17/2022

Quant Time: Jan 17 03:18:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.858	152	362832	20.000	ng		0.00
21) Naphthalene-d8	10.658	136	1341612	20.000	ng		0.00
39) Acenaphthene-d10	14.498	164	798213	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	1422015	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1082906	20.000	ng		0.00
86) Perylene-d12	23.757	264	1052875	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	2884257	122.929	ng		0.00
7) Phenol-d6	7.040	99	3392780	119.414	ng		0.00
23) Nitrobenzene-d5	9.016	82	2083782	88.180	ng		0.00
42) 2,4,6-Tribromophenol	15.993	330	1445488	124.409	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	5211688	86.103	ng		0.00
79) Terphenyl-d14	19.810	244	6279432	97.878	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	300550	31.648	ng		96
3) Pyridine	3.746	79	740419	37.226	ng		97
4) n-Nitrosodimethylamine	3.658	42	409605	43.893	ng		88
6) Aniline	7.187	93	1156627	32.616	ng		99
8) 2-Chlorophenol	7.422	128	1130279	45.232	ng		98
9) Benzaldehyde	6.993	77	610480	32.148	ng		98
10) Phenol	7.064	94	1297957	44.810	ng		97
11) bis(2-Chloroethyl)ether	7.281	93	1022921	44.386	ng		97
12) 1,3-Dichlorobenzene	7.746	146	1268764	42.636	ng		99
13) 1,4-Dichlorobenzene	7.893	146	1295951	42.970	ng		99
14) 1,2-Dichlorobenzene	8.211	146	1241202	43.161	ng		99
15) Benzyl Alcohol	8.099	79	881566	44.228	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.393	45	1132879	43.956	ng		99
17) 2-Methylphenol	8.311	107	861518	44.396	ng		96
18) Hexachloroethane	8.934	117	447201	43.687	ng		100
19) n-Nitroso-di-n-propyla...	8.669	70	723168	43.542	ng		97
20) 3+4-Methylphenols	8.640	107	1138240	44.185	ng		98
22) Acetophenone	8.681	105	1554912	45.497	ng	#	98
24) Nitrobenzene	9.058	77	1089732	45.653	ng		96
25) Isophorone	9.593	82	1902940	44.560	ng		99
26) 2-Nitrophenol	9.769	139	583058	46.463	ng		94
27) 2,4-Dimethylphenol	9.840	122	959291	44.835	ng		98
28) bis(2-Chloroethoxy)met...	10.069	93	1240193	44.503	ng		99
29) 2,4-Dichlorophenol	10.310	162	1061040	45.444	ng		99
30) 1,2,4-Trichlorobenzene	10.522	180	1218393	44.549	ng		99
31) Naphthalene	10.710	128	3201295	43.933	ng		100
32) Benzoic acid	10.022	122	648409	52.806	ng		99
33) 4-Chloroaniline	10.822	127	404062	13.607	ng		98
34) Hexachlorobutadiene	10.999	225	767313	44.904	ng		100
35) Caprolactam	11.622	113	277648	43.137	ng		92
36) 4-Chloro-3-methylphenol	11.957	107	961330	45.639	ng		100
37) 2-Methylnaphthalene	12.322	142	2326343	43.672	ng		99
38) 1-Methylnaphthalene	12.540	142	2122099	43.401	ng		99
40) 1,2,4,5-Tetrachloroben...	12.693	216	1357825	46.655	ng		99
41) Hexachlorocyclopentadiene	12.675	237	1688247	113.366	ng		100
43) 2,4,6-Trichlorophenol	12.934	196	850298	47.253	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.010	196	909546	46.963	ng	98
46)	1,1'-Biphenyl	13.328	154	2971466	45.756	ng	99
47)	2-Chloronaphthalene	13.369	162	2255558	45.043	ng	99
48)	2-Nitroaniline	13.575	65	523594	47.092	ng	96
49)	Acenaphthylene	14.216	152	3405553	45.014	ng	100
50)	Dimethylphthalate	13.957	163	2710185	45.717	ng	100
51)	2,6-Dinitrotoluene	14.075	165	594725	47.302	ng	96
52)	Acenaphthene	14.563	154	2041984	45.507	ng	99
53)	3-Nitroaniline	14.398	138	266019	21.514	ng	93
54)	2,4-Dinitrophenol	14.616	184	554421	109.034	ng	95
55)	Dibenzofuran	14.893	168	3290960	45.010	ng	98
56)	4-Nitrophenol	14.728	139	858017	96.362	ng	92
57)	2,4-Dinitrotoluene	14.863	165	784302	48.498	ng	91
58)	Fluorene	15.545	166	2626064	45.472	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.128	232	742296m	46.529	ng	
60)	Diethylphthalate	15.322	149	2592812	46.095	ng	98
61)	4-Chlorophenyl-phenyle...	15.540	204	1442068	45.838	ng	98
62)	4-Nitroaniline	15.569	138	502971	42.000	ng	90
63)	Azobenzene	15.834	77	2198640	47.080	ng	95
65)	4,6-Dinitro-2-methylph...	15.634	198	369156	51.960	ng	94
66)	n-Nitrosodiphenylamine	15.757	169	2273285	49.671	ng	99
67)	4-Bromophenyl-phenylether	16.440	248	882739	49.713	ng	99
68)	Hexachlorobenzene	16.557	284	990673	48.688	ng	96
69)	Atrazine	16.716	200	795862	46.795	ng	99
70)	Pentachlorophenol	16.904	266	1113064	102.696	ng	99
71)	Phenanthrene	17.292	178	3807391	47.554	ng	99
72)	Anthracene	17.387	178	3880342	48.313	ng	99
73)	Carbazole	17.657	167	3233472	46.821	ng	100
74)	Di-n-butylphthalate	18.210	149	4075925	49.042	ng	99
75)	Fluoranthene	19.263	202	3989250	44.805	ng	97
77)	Benzidine	19.439	184	1669965	43.652	ng	98
78)	Pyrene	19.610	202	4025220	53.272	ng	98
80)	Butylbenzylphthalate	20.486	149	1559457	51.316	ng	97
81)	Benzo(a)anthracene	21.328	228	3458058	47.466	ng	98
82)	3,3'-Dichlorobenzidine	21.257	252	860933	27.354	ng	98
83)	Chrysene	21.375	228	3325111	47.082	ng	98
84)	Bis(2-ethylhexyl)phtha...	21.251	149	2367264	50.302	ng	97
85)	Di-n-octyl phthalate	22.180	149	3780279	47.485	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.292	276	4309567	49.673	ng	98
88)	Benzo(b)fluoranthene	23.022	252	3363963	47.842	ng	99
89)	Benzo(k)fluoranthene	23.075	252	3303102	48.530	ng	98
90)	Benzo(a)pyrene	23.651	252	3263993	48.093	ng	99
91)	Dibenzo(a,h)anthracene	26.310	278	3652214	49.506	ng	98
92)	Benzo(g,h,i)perylene	27.063	276	3598682	49.962	ng	99

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

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