Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112321\
Data File : BP008103.D
Acq On : 23 Nov 2021 19:02
Operator : CG/JU
Sample : M4814-01MS 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-1-112221MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :Sohil Jodhani 11/30/2021

Quant Time: Nov 24 00:07:40 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 20 00:21:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	212101	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	831621	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	527114	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	966782	20.000	ng		0.00
76) Chrysene-d12	21.322	240	705518	20.000	ng		0.00
86) Perylene-d12	23.727	264	764236	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.411	112	285097	22.975	ng		0.00
7) Phenol-d6	6.999	99	385128	22.390	ng		-0.01
23) Nitrobenzene-d5	8.981	82	257642	14.054	ng		-0.01
42) 2,4,6-Tribromophenol	15.963	330	135341	20.289	ng		0.00
45) 2-Fluorobiphenyl	13.087	172	561645	16.684	ng		0.00
79) Terphenyl-d14	19.792	244	597950	16.663	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	31294	5.389	ng		99
3) Pyridine	3.728	79	79505	4.782	ng		96
4) n-Nitrosodimethylamine	3.634	42	49419	6.634	ng	#	98
6) Aniline	7.152	93	115041	5.298	ng		99
8) 2-Chlorophenol	7.387	128	115762	8.310	ng		98
9) Benzaldehyde	6.963	77	73458	3.082	ng		99
10) Phenol	7.028	94	164824	8.946	ng		97
11) bis(2-Chloroethyl)ether	7.246	93	116836	7.446	ng		98
12) 1,3-Dichlorobenzene	7.711	146	123683	7.735	ng		98
13) 1,4-Dichlorobenzene	7.858	146	129156	7.958	ng		99
14) 1,2-Dichlorobenzene	8.175	146	125301	8.045	ng		98
15) Benzyl Alcohol	8.063	79	118295	7.966	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.352	45	176759	7.227	ng		98
17) 2-Methylphenol	8.275	107	102112	8.412	ng		98
18) Hexachloroethane	8.899	117	38411	6.646	ng		98
19) n-Nitroso-di-n-propyla...	8.628	70	94860	7.444	ng		96
20) 3+4-Methylphenols	8.605	107	136800	8.129	ng		98
22) Acetophenone	8.646	105	178679	7.744	ng	#	98
24) Nitrobenzene	9.022	77	141227	7.859	ng		99
25) Isophorone	9.552	82	248428	7.698	ng		99
26) 2-Nitrophenol	9.734	139	57624	7.534	ng		96
27) 2,4-Dimethylphenol	9.805	122	108635	9.425	ng		99
28) bis(2-Chloroethoxy)met...	10.034	93	153172	7.414	ng		98
29) 2,4-Dichlorophenol	10.275	162	117151	8.431	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	129241	8.179	ng		96
31) Naphthalene	10.669	128	374953	8.875	ng		99
32) Benzoic acid	9.928	122	72123	7.299	ng		98
33) 4-Chloroaniline	10.787	127	87521	4.880	ng		98
34) Hexachlorobutadiene	10.957	225	86544	8.095	ng		99
35) Caprolactam	11.569	113	34525	11.068	ng		92
36) 4-Chloro-3-methylphenol	11.922	107	124447	7.759	ng		99
37) 2-Methylnaphthalene	12.281	142	271870	8.717	ng		99
38) 1-Methylnaphthalene	12.504	142	254313	8.326	ng		98
40) 1,2,4,5-Tetrachloroben...	12.657	216	149754	8.855	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	98568	8.461	ng		97
44) 2,4,5-Trichlorophenol	12.975	196	105361	8.383	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.298	154	328292	8.387	ng		99
47) 2-Chloronaphthalene	13.340	162	263135	8.821	ng		98
48) 2-Nitroaniline	13.546	65	87824	8.216	ng		97
49) Acenaphthylene	14.187	152	501426	10.820	ng		99
50) Dimethylphthalate	13.928	163	315781	7.911	ng		99
51) 2,6-Dinitrotoluene	14.045	165	65490	7.832	ng		90
52) Acenaphthene	14.528	154	290240	10.219	ng		98
53) 3-Nitroaniline	14.375	138	54852	6.278	ng		94
55) Dibenzofuran	14.863	168	468695	9.585	ng		99
56) 4-Nitrophenol	14.698	139	100090	14.289	ng		97
57) 2,4-Dinitrotoluene	14.834	165	84167	7.279	ng	#	97
58) Fluorene	15.516	166	397598	9.522	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	87542	7.743	ng	#	89
60) Diethylphthalate	15.292	149	360278	8.798	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	162662	6.166	ng		97
62) 4-Nitroaniline	15.540	138	62061	6.902	ng		93
63) Azobenzene	15.804	77	309127	7.240	ng		95
66) n-Nitrosodiphenylamine	15.728	169	272492	9.934	ng		99
67) 4-Bromophenyl-phenylether	16.410	248	96102	9.060	ng		97
68) Hexachlorobenzene	16.534	284	102666	9.057	ng		98
69) Atrazine	16.687	200	100347	14.310	ng		99
70) Pentachlorophenol	16.881	266	114339	15.688	ng		99
71) Phenanthrene	17.269	178	1699436	32.624	ng		99
72) Anthracene	17.357	178	809446	15.696	ng		99
73) Carbazole	17.628	167	482478	9.213	ng		100
74) Di-n-butylphthalate	18.186	149	507707	8.896	ng		100
75) Fluoranthene	19.245	202	1913581	28.502	ng		99
78) Pyrene	19.592	202	1860656	38.837	ng		100
80) Butylbenzylphthalate	20.469	149	176108	8.797	ng		95
81) Benzo(a)anthracene	21.310	228	1084551	22.922	ng		97
83) Chrysene	21.363	228	1002036	22.318	ng		99
84) Bis(2-ethylhexyl)phtha...	21.239	149	252175	9.312	ng		98
85) Di-n-octyl phthalate	22.163	149	410716	8.277	ng	#	99
87) Indeno(1,2,3-cd)pyrene	26.233	276	856100	16.144	ng		98
88) Benzo(b)fluoranthene	22.998	252	1143061	23.922	ng		97
89) Benzo(k)fluoranthene	23.039	252	722457m	15.196	ng		
90) Benzo(a)pyrene	23.621	252	1006949	25.145	ng		99
91) Dibenzo(a,h)anthracene	26.245	278	494183	11.195	ng	#	94
92) Benzo(g,h,i)perylene	27.009	276	788076	18.224	ng		99

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

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