Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110221\
Data File : BP007811.D
Acq On : 02 Nov 2021 18:37
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP110221

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
Supervised By :mohammad ahmed 11/08/2021

Quant Time: Nov 02 22:56:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 19:18:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	234724	20.000	ng		0.00
21) Naphthalene-d8	10.728	136	988012	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	692008	20.000	ng		0.00
64) Phenanthrene-d10	17.316	188	1525836	20.000	ng		0.00
76) Chrysene-d12	21.410	240	1674817	20.000	ng		0.00
86) Perylene-d12	23.845	264	1899331	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	1061835	76.720	ng		0.00
7) Phenol-d6	7.093	99	1567759	78.261	ng		0.00
23) Nitrobenzene-d5	9.087	82	1456591	79.193	ng		0.00
42) 2,4,6-Tribromophenol	16.057	330	813685	82.391	ng		0.00
45) 2-Fluorobiphenyl	13.187	172	3707462	78.021	ng		0.00
79) Terphenyl-d14	19.881	244	6404495	77.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	194291	40.467	ng		96
3) Pyridine	3.793	79	585172	38.107	ng		96
4) n-Nitrosodimethylamine	3.699	42	250804	38.190	ng	#	97
6) Aniline	7.252	93	888394	39.373	ng		99
8) 2-Chlorophenol	7.487	128	595009	39.011	ng		98
9) Benzaldehyde	7.058	77	414952	38.094	ng		96
10) Phenol	7.122	94	748521	39.129	ng		98
11) bis(2-Chloroethyl)ether	7.346	93	592298	38.789	ng		96
12) 1,3-Dichlorobenzene	7.816	146	659004	38.850	ng		98
13) 1,4-Dichlorobenzene	7.958	146	668026	38.543	ng		99
14) 1,2-Dichlorobenzene	8.275	146	652530	38.958	ng		98
15) Benzyl Alcohol	8.163	79	605461	39.921	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.458	45	690220	38.562	ng		97
17) 2-Methylphenol	8.369	107	521881	39.451	ng		99
18) Hexachloroethane	9.010	117	240169	40.071	ng		93
19) n-Nitroso-di-n-propyla...	8.740	70	479600	39.119	ng		94
20) 3+4-Methylphenols	8.705	107	743612	39.962	ng		99
22) Acetophenone	8.746	105	969815	38.957	ng		97
24) Nitrobenzene	9.128	77	690148	39.431	ng		95
25) Isophorone	9.658	82	1329219	39.765	ng		98
26) 2-Nitrophenol	9.840	139	368595	41.584	ng		95
27) 2,4-Dimethylphenol	9.905	122	541391	39.744	ng		98
28) bis(2-Chloroethoxy)met...	10.140	93	861040	39.036	ng		99
29) 2,4-Dichlorophenol	10.375	162	662384	40.444	ng		98
30) 1,2,4-Trichlorobenzene	10.593	180	712073	39.092	ng		99
31) Naphthalene	10.775	128	1960363	39.223	ng		99
32) Benzoic acid	10.069	122	508315	43.289	ng		97
33) 4-Chloroaniline	10.887	127	874249	39.711	ng		98
34) Hexachlorobutadiene	11.075	225	477365	39.916	ng		100
35) Caprolactam	11.687	113	230157	40.260	ng		93
36) 4-Chloro-3-methylphenol	12.016	107	735790	39.770	ng		98
37) 2-Methylnaphthalene	12.387	142	1447324	39.259	ng		99
38) 1-Methylnaphthalene	12.604	142	1405723	38.917	ng		99
40) 1,2,4,5-Tetrachloroben...	12.757	216	850078	39.186	ng		99
41) Hexachlorocyclopentadiene	12.740	237	486369	41.862	ng		96
43) 2,4,6-Trichlorophenol	12.999	196	611393	40.350	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	657058	40.031	ng		97
46) 1,1'-Biphenyl	13.399	154	1954145	39.111	ng		99
47) 2-Chloronaphthalene	13.440	162	1511689	38.934	ng		100
48) 2-Nitroaniline	13.640	65	453842	40.622	ng		96
49) Acenaphthylene	14.287	152	2419021	39.671	ng		99
50) Dimethylphthalate	14.028	163	2091633	39.161	ng		99
51) 2,6-Dinitrotoluene	14.140	165	443659	40.165	ng		94
52) Acenaphthene	14.628	154	1446433	39.276	ng		99
53) 3-Nitroaniline	14.469	138	480118	40.742	ng	#	93
54) 2,4-Dinitrophenol	14.675	184	293308	43.195	ng		95
55) Dibenzofuran	14.963	168	2435124	39.089	ng		99
56) 4-Nitrophenol	14.775	139	402345	40.198	ng		95
57) 2,4-Dinitrotoluene	14.928	165	629125	41.373	ng		88
58) Fluorene	15.616	166	1876868	39.720	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.193	232	601720m	40.725	ng		
60) Diethylphthalate	15.393	149	2102696	40.550	ng		99
61) 4-Chlorophenyl-phenyle...	15.610	204	1024058	39.677	ng		97
62) 4-Nitroaniline	15.634	138	495804	41.426	ng		94
63) Azobenzene	15.904	77	1780461	40.681	ng		97
65) 4,6-Dinitro-2-methylph...	15.692	198	424976	42.536	ng		93
66) n-Nitrosodiphenylamine	15.828	169	1728274	39.786	ng		99
67) 4-Bromophenyl-phenylether	16.504	248	683098	40.439	ng		98
68) Hexachlorobenzene	16.628	284	744826	39.516	ng		93
69) Atrazine	16.787	200	674186	40.531	ng		98
70) Pentachlorophenol	16.969	266	512042	42.237	ng		99
71) Phenanthrene	17.363	178	3136072	39.097	ng		99
72) Anthracene	17.451	178	3120613	39.532	ng		99
73) Carbazole	17.722	167	3085849	39.327	ng		99
74) Di-n-butylphthalate	18.281	149	3641691	40.751	ng		100
75) Fluoranthene	19.328	202	3961169	39.147	ng		98
77) Benzidine	19.504	184	1798451	42.607	ng		99
78) Pyrene	19.681	202	4089360	39.809	ng		99
80) Butylbenzylphthalate	20.557	149	1803422	41.773	ng		97
81) Benzo(a)anthracene	21.398	228	4335260	39.291	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	1466930	39.592	ng	#	98
83) Chrysene	21.451	228	4082642	39.085	ng		99
84) Bis(2-ethylhexyl)phtha...	21.322	149	2551499	41.208	ng		98
85) Di-n-octyl phthalate	22.263	149	4613664	41.422	ng		96
87) Indeno(1,2,3-cd)pyrene	26.404	276	5274987	37.259	ng		96
88) Benzo(b)fluoranthene	23.104	252	4400652	39.305	ng		99
89) Benzo(k)fluoranthene	23.157	252	4432418	39.888	ng		98
90) Benzo(a)pyrene	23.739	252	3822568	39.431	ng		99
91) Dibenzo(a,h)anthracene	26.421	278	4391294	37.422	ng		98
92) Benzo(g,h,i)perylene	27.186	276	4292675	36.876	ng		97

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

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