Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP112021\
Data File : BP008056.D
Acq On : 20 Nov 2021 14:15
Operator : CG/JU
Sample : PB140911BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 22 05:30:07 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

Instrument :
BNA_P
ClientSampleId :
PB140911BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	185150	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	706836	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	429475	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	792771	20.000	ng		0.00
76) Chrysene-d12	21.316	240	659517	20.000	ng		0.00
86) Perylene-d12	23.704	264	712033	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.417	112	1403176	129.537	ng		0.00
7) Phenol-d6	7.011	99	1782544	118.715	ng		0.00
23) Nitrobenzene-d5	8.987	82	1219615	78.275	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	555806	102.262	ng		-0.01
45) 2-Fluorobiphenyl	13.093	172	2275782	82.974	ng		0.00
79) Terphenyl-d14	19.786	244	2784296	83.002	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	156405	30.852	ng		97
3) Pyridine	3.722	79	424238	29.231	ng		98
4) n-Nitrosodimethylamine	3.634	42	272365	41.887	ng		94
6) Aniline	7.158	93	813108	42.897	ng		99
8) 2-Chlorophenol	7.393	128	512089	42.112	ng		97
9) Benzaldehyde	6.963	77	383857	42.536	ng		98
10) Phenol	7.034	94	695307	43.230	ng		99
11) bis(2-Chloroethyl)ether	7.252	93	561239	40.973	ng		99
12) 1,3-Dichlorobenzene	7.716	146	557925	39.969	ng		99
13) 1,4-Dichlorobenzene	7.858	146	569956	40.228	ng		98
14) 1,2-Dichlorobenzene	8.175	146	550262	40.474	ng		99
15) Benzyl Alcohol	8.069	79	530740	40.941	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.358	45	867072	40.614	ng		99
17) 2-Methylphenol	8.275	107	444204	41.918	ng		99
18) Hexachloroethane	8.905	117	218191	43.245	ng		98
19) n-Nitroso-di-n-propyla...	8.640	70	425723	38.268	ng		99
20) 3+4-Methylphenols	8.605	107	595041	40.507	ng		100
22) Acetophenone	8.652	105	777885	39.667	ng	#	100
24) Nitrobenzene	9.028	77	650323	42.581	ng		99
25) Isophorone	9.563	82	1110655	40.494	ng		100
26) 2-Nitrophenol	9.740	139	271105	41.705	ng		99
27) 2,4-Dimethylphenol	9.805	122	455539	46.498	ng		98
28) bis(2-Chloroethoxy)met...	10.040	93	699367	39.830	ng		99
29) 2,4-Dichlorophenol	10.275	162	486844	41.222	ng		100
30) 1,2,4-Trichlorobenzene	10.487	180	543461	40.467	ng		98
31) Naphthalene	10.675	128	1464121	40.772	ng		99
32) Benzoic acid	9.975	122	312493	37.207	ng		99
33) 4-Chloroaniline	10.787	127	575862	37.776	ng		99
34) Hexachlorobutadiene	10.963	225	365062	40.173	ng		98
35) Caprolactam	11.587	113	141251	53.278	ng		94
36) 4-Chloro-3-methylphenol	11.922	107	523483	38.399	ng		97
37) 2-Methylnaphthalene	12.287	142	1041382	39.284	ng		100
38) 1-Methylnaphthalene	12.504	142	964442	37.149	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	587744	42.656	ng		98
41) Hexachlorocyclopentadiene	12.640	237	730987	116.764	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	394298	41.540	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	420175	41.033	ng	97
46) 1,1'-Biphenyl	13.298	154	1268783	39.783	ng	99
47) 2-Chloronaphthalene	13.340	162	1031766	42.450	ng	99
48) 2-Nitroaniline	13.545	65	357653	41.067	ng	100
49) Acenaphthylene	14.187	152	1578298	41.800	ng	99
50) Dimethylphthalate	13.934	163	1254643	38.580	ng	99
51) 2,6-Dinitrotoluene	14.045	165	278604	40.891	ng	98
52) Acenaphthene	14.528	154	919891	39.753	ng	99
53) 3-Nitroaniline	14.375	138	249743	35.080	ng	99
54) 2,4-Dinitrophenol	14.587	184	320005	75.269	ng	99
55) Dibenzofuran	14.863	168	1501898	37.697	ng	100
56) 4-Nitrophenol	14.692	139	407200	71.350	ng	97
57) 2,4-Dinitrotoluene	14.834	165	367062	38.964	ng	100
58) Fluorene	15.516	166	1105001	41.516	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	344311m	37.380	ng	
60) Diethylphthalate	15.298	149	1212162	36.332	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	606225	40.861	ng	99
62) 4-Nitroaniline	15.539	138	252823	34.509	ng	99
63) Azobenzene	15.804	77	1303047	37.455	ng	100
65) 4,6-Dinitro-2-methylph...	15.604	198	206133	38.500	ng	100
66) n-Nitrosodiphenylamine	15.728	169	1011306	44.959	ng	99
67) 4-Bromophenyl-phenylether	16.410	248	378491	43.514	ng	99
68) Hexachlorobenzene	16.528	284	403454	43.405	ng	98
69) Atrazine	16.686	200	378767	65.870	ng	99
70) Pentachlorophenol	16.875	266	477475	79.891	ng	99
71) Phenanthrene	17.263	178	1737290	40.672	ng	100
72) Anthracene	17.357	178	1766384	41.769	ng	99
73) Carbazole	17.628	167	1505609	35.060	ng	99
74) Di-n-butylphthalate	18.186	149	1901269	40.626	ng	100
75) Fluoranthene	19.233	202	1953294	35.479	ng	99
77) Benzidine	19.416	184	1500693	130.667	ng	99
78) Pyrene	19.586	202	1975270	44.105	ng	100
80) Butylbenzylphthalate	20.463	149	802414	42.880	ng	95
81) Benzo(a)anthracene	21.298	228	1812822	40.986	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	645400	35.403	ng	99
83) Chrysene	21.351	228	1779035	42.388	ng	99
84) Bis(2-ethylhexyl)phtha...	21.227	149	1137250	44.926	ng	99
85) Di-n-octyl phthalate	22.151	149	2116520	45.628	ng	99
87) Indeno(1,2,3-cd)pyrene	26.210	276	2412064	48.819	ng	99
88) Benzo(b)fluoranthene	22.980	252	2028856	45.573	ng	100
89) Benzo(k)fluoranthene	23.027	252	1852988	41.834	ng	100
90) Benzo(a)pyrene	23.604	252	1932092	51.784	ng	99
91) Dibenzo(a,h)anthracene	26.221	278	2049615	49.834	ng	100
92) Benzo(g,h,i)perylene	26.968	276	2091032	51.899	ng	99

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

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