Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120121\
Data File : BP008170.D
Acq On : 01 Dec 2021 12:33
Operator : CG/JU
Sample : PB141067BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 01 13:42:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 01 12:06:05 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB141067BSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2021
Supervised By :mohammad ahmed 12/05/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	79113	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	300922	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	194902	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	420579	20.000	ng	0.00
76) Chrysene-d12	21.310	240	448347	20.000	ng	0.00
86) Perylene-d12	23.704	264	491931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	638957	130.039	ng	0.00
7) Phenol-d6	6.987	99	813877	122.702	ng	0.00
23) Nitrobenzene-d5	8.963	82	546927	82.648	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	334430	134.246	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1126749	83.973	ng	0.00
79) Terphenyl-d14	19.780	244	1903007	88.707	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	78311	34.162	ng	97
3) Pyridine	3.693	79	187340	30.620	ng	98
4) n-Nitrosodimethylamine	3.605	42	114353	44.810	ng	97
6) Aniline	7.128	93	239685	30.827	ng	96
8) 2-Chlorophenol	7.369	128	231276	45.980	ng	99
9) Benzaldehyde	6.940	77	86659	21.534	ng	97
10) Phenol	7.011	94	315203	46.243	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	233294	42.821	ng	100
12) 1,3-Dichlorobenzene	7.687	146	250242	43.102	ng	97
13) 1,4-Dichlorobenzene	7.834	146	255037	43.327	ng	97
14) 1,2-Dichlorobenzene	8.152	146	244682	41.796	ng	97
15) Benzyl Alcohol	8.052	79	244416	46.508	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.340	45	344957	41.963	ng	98
17) 2-Methylphenol	8.258	107	203357	45.858	ng	98
18) Hexachloroethane	8.875	117	95796	43.768	ng	99
19) n-Nitroso-di-n-propyla...	8.616	70	189531	41.295	ng	99
20) 3+4-Methylphenols	8.587	107	271783	44.408	ng	98
22) Acetophenone	8.628	105	349290	42.436	ng	99
24) Nitrobenzene	9.005	77	284827	44.382	ng	99
25) Isophorone	9.534	82	492596	42.548	ng	99
26) 2-Nitrophenol	9.716	139	126442	45.665	ng	98
27) 2,4-Dimethylphenol	9.787	122	212907	51.414	ng	97
28) bis(2-Chloroethoxy)met...	10.016	93	293779	39.815	ng	98
29) 2,4-Dichlorophenol	10.257	162	225745	45.644	ng	98
30) 1,2,4-Trichlorobenzene	10.469	180	245047	42.688	ng	95
31) Naphthalene	10.652	128	654655	42.468	ng	99
32) Benzoic acid	9.963	122	149390	44.102	ng	96
33) 4-Chloroaniline	10.769	127	132973	20.793	ng	99
34) Hexachlorobutadiene	10.940	225	173469	44.157	ng	97
35) Caprolactam	11.569	113	72135m	65.660	ng	
36) 4-Chloro-3-methylphenol	11.904	107	258897	45.792	ng	94
37) 2-Methylnaphthalene	12.269	142	476058	43.664	ng	98
38) 1-Methylnaphthalene	12.487	142	441855	41.635	ng	99
40) 1,2,4,5-Tetrachloroben...	12.640	216	285591	45.109	ng	99
41) Hexachlorocyclopentadiene	12.616	237	300126	123.303	ng	99
43) 2,4,6-Trichlorophenol	12.881	196	191602	44.668	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	209281	45.532	ng	98
46) 1,1'-Biphenyl	13.281	154	600228	42.446	ng	98
47) 2-Chloronaphthalene	13.322	162	482078	43.168	ng	99
48) 2-Nitroaniline	13.528	65	177784	46.198	ng	99
49) Acenaphthylene	14.169	152	739572	42.928	ng	99
50) Dimethylphthalate	13.916	163	627198	42.854	ng	100
51) 2,6-Dinitrotoluene	14.034	165	139091	45.792	ng	96
52) Acenaphthene	14.510	154	439335	42.790	ng	99
53) 3-Nitroaniline	14.363	138	90227	29.311	ng	97
54) 2,4-Dinitrophenol	14.581	184	187802	104.572	ng	94
55) Dibenzofuran	14.851	168	728560	41.525	ng	99
56) 4-Nitrophenol	14.693	139	223025	94.525	ng	88
57) 2,4-Dinitrotoluene	14.828	165	198255	47.561	ng	98
58) Fluorene	15.504	166	575675	40.384	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	181047m	44.295	ng	
60) Diethylphthalate	15.281	149	628583	43.279	ng	100
61) 4-Chlorophenyl-phenyle...	15.498	204	312553	39.974	ng	99
62) 4-Nitroaniline	15.528	138	136056	42.595	ng	93
63) Azobenzene	15.792	77	633585	42.648	ng	97
65) 4,6-Dinitro-2-methylph...	15.598	198	120966	43.974	ng	98
66) n-Nitrosodiphenylamine	15.716	169	529074	43.428	ng	99
67) 4-Bromophenyl-phenylether	16.398	248	202396	43.277	ng	100
68) Hexachlorobenzene	16.516	284	230808	46.169	ng	97
69) Atrazine	16.681	200	214851	67.951	ng	97
70) Pentachlorophenol	16.869	266	282377	94.991	ng	98
71) Phenanthrene	17.251	178	962019	43.323	ng	99
72) Anthracene	17.345	178	981702	44.548	ng	100
73) Carbazole	17.616	167	895829	41.643	ng	99
74) Di-n-butylphthalate	18.175	149	1093938	40.622	ng	100
75) Fluoranthene	19.228	202	1198846	40.076	ng	98
77) Benzidine	19.410	184	556419	90.474	ng	98
78) Pyrene	19.581	202	1243097	43.961	ng	100
80) Butylbenzylphthalate	20.457	149	517564	40.539	ng	98
81) Benzo(a)anthracene	21.292	228	1255750	42.261	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	341640	24.403	ng	99
83) Chrysene	21.351	228	1234414	43.656	ng	100
84) Bis(2-ethylhexyl)phtha...	21.227	149	739308	38.140	ng	100
85) Di-n-octyl phthalate	22.145	149	1351907	41.055	ng	99
87) Indeno(1,2,3-cd)pyrene	26.210	276	1604705	44.838	ng	97
88) Benzo(b)fluoranthene	22.980	252	1391601	46.925	ng	99
89) Benzo(k)fluoranthene	23.027	252	1274525	43.898	ng	99
90) Benzo(a)pyrene	23.604	252	1325589	52.299	ng	98
91) Dibenzo(a,h)anthracene	26.221	278	1367392	46.005	ng	98
92) Benzo(g,h,i)perylene	26.974	276	1374876	45.852	ng	96

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

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