Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030922\
Data File : BP009320.D
Acq On : 09 Mar 2022 12:38
Operator : CG/JU
Sample : PB143171BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 10 04:08:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB143171BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/10/2022
Supervised By :Jagrut Upadhyay 03/10/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	473969	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1854444	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1062786	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1959613	20.000	ng	0.00
76) Chrysene-d12	21.322	240	1756957	20.000	ng	0.00
86) Perylene-d12	23.721	264	1902092	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	3787210	116.635	ng	0.00
7) Phenol-d6	6.993	99	4598686	111.447	ng	0.00
23) Nitrobenzene-d5	8.969	82	2903624	86.240	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1704708	132.836	ng	0.00
45) 2-Fluorobiphenyl	13.081	172	6329248	81.898	ng	0.00
79) Terphenyl-d14	19.792	244	8355935	89.750	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	408740	29.573	ng	99
3) Pyridine	3.740	79	1046079	35.510	ng	100
4) n-Nitrosodimethylamine	3.652	42	512513	41.716	ng	99
6) Aniline	7.146	93	1741311	33.316	ng	98
8) 2-Chlorophenol	7.387	128	1399440	42.075	ng	98
9) Benzaldehyde	6.958	77	772228m	29.373	ng	
10) Phenol	7.016	94	1701360	39.817	ng	97
11) bis(2-Chloroethyl)ether	7.246	93	1342479	40.598	ng	98
12) 1,3-Dichlorobenzene	7.710	146	1534780	39.166	ng	99
13) 1,4-Dichlorobenzene	7.852	146	1555564	39.124	ng	99
14) 1,2-Dichlorobenzene	8.169	146	1487026	39.133	ng	99
15) Benzyl Alcohol	8.058	79	1170474	40.222	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1579304	36.794	ng	97
17) 2-Methylphenol	8.263	107	1112050	40.205	ng	99
18) Hexachloroethane	8.899	117	557064	40.257	ng	97
19) n-Nitroso-di-n-propyla...	8.628	70	1002985	40.302	ng	98
20) 3+4-Methylphenols	8.593	107	1478654	39.891	ng	99
22) Acetophenone	8.640	105	1974502	39.831	ng	99
24) Nitrobenzene	9.010	77	1474881	41.334	ng	99
25) Isophorone	9.546	82	2646009	42.015	ng	99
26) 2-Nitrophenol	9.722	139	700519	50.678	ng	97
27) 2,4-Dimethylphenol	9.793	122	1213227	39.906	ng	98
28) bis(2-Chloroethoxy)met...	10.028	93	1678747	40.733	ng	98
29) 2,4-Dichlorophenol	10.263	162	1238314	42.231	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	1407361	41.007	ng	99
31) Naphthalene	10.663	128	4041770	39.356	ng	100
32) Benzoic acid	9.934	122	825183	53.441	ng	97
33) 4-Chloroaniline	10.763	127	821621	19.567	ng	99
34) Hexachlorobutadiene	10.957	225	900642	43.093	ng	99
35) Caprolactam	11.551	113	347385	40.249	ng	96
36) 4-Chloro-3-methylphenol	11.904	107	1222123	39.927	ng	99
37) 2-Methylnaphthalene	12.275	142	2791513	38.258	ng	99
38) 1-Methylnaphthalene	12.493	142	2621278	39.008	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	1533453	42.816	ng	99
41) Hexachlorocyclopentadiene	12.634	237	2117782	93.360	ng	99
43) 2,4,6-Trichlorophenol	12.887	196	957386	44.519	ng	100

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.957	196	1016191	43.081	ng	99
46)	1,1'-Biphenyl	13.293	154	3491807	40.242	ng	99
47)	2-Chloronaphthalene	13.328	162	2670853	40.637	ng	99
48)	2-Nitroaniline	13.528	65	697088	46.129	ng	98
49)	Acenaphthylene	14.175	152	4229722	41.651	ng	100
50)	Dimethylphthalate	13.916	163	3173736	40.488	ng	100
51)	2,6-Dinitrotoluene	14.028	165	686534	44.350	ng	99
52)	Acenaphthene	14.522	154	2861245m	43.962	ng	
53)	3-Nitroaniline	14.357	138	466451	28.368	ng	98
54)	2,4-Dinitrophenol	14.563	184	744187	112.275	ng	97
55)	Dibenzofuran	14.857	168	3850214	39.053	ng	100
56)	4-Nitrophenol	14.669	139	1158001	84.682	ng	99
57)	2,4-Dinitrotoluene	14.816	165	907951	45.809	ng	99
58)	Fluorene	15.510	166	3036900	39.335	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.087	232	855648	43.081	ng	96
60)	Diethylphthalate	15.292	149	3141105	41.157	ng	100
61)	4-Chlorophenyl-phenyle...	15.510	204	1601959	40.735	ng	97
62)	4-Nitroaniline	15.522	138	661832	41.507	ng	100
63)	Azobenzene	15.798	77	2977329	39.709	ng	99
65)	4,6-Dinitro-2-methylph...	15.587	198	464837	53.929	ng	96
66)	n-Nitrosodiphenylamine	15.722	169	2627219	42.710	ng	99
67)	4-Bromophenyl-phenylether	16.404	248	993593	46.996	ng	97
68)	Hexachlorobenzene	16.522	284	1125170	45.374	ng	98
69)	Atrazine	16.681	200	946285	43.701	ng	99
70)	Pentachlorophenol	16.863	266	1373990	92.058	ng	99
71)	Phenanthrene	17.257	178	4529191	40.217	ng	100
72)	Anthracene	17.351	178	4588387	40.932	ng	100
73)	Carbazole	17.622	167	4055664	39.706	ng	99
74)	Di-n-butylphthalate	18.186	149	5080839	44.943	ng	99
75)	Fluoranthene	19.233	202	5044817	38.809	ng	100
77)	Benzidine	19.410	184	2292022	37.375	ng	100
78)	Pyrene	19.586	202	5182621	43.689	ng	100
80)	Butylbenzylphthalate	20.475	149	2164895	50.561	ng	98
81)	Benzo(a)anthracene	21.310	228	4979705	41.816	ng	100
82)	3,3'-Dichlorobenzidine	21.239	252	1590409	36.382	ng	99
83)	Chrysene	21.357	228	4740002	40.996	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.251	149	3249840	47.457	ng	100
85)	Di-n-octyl phthalate	22.174	149	5528717	49.312	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.233	276	6586678	44.570	ng	98
88)	Benzo(b)fluoranthene	22.992	252	5481918	42.685	ng	99
89)	Benzo(k)fluoranthene	23.045	252	4938692	40.253	ng	99
90)	Benzo(a)pyrene	23.621	252	5183762	42.558	ng	98
91)	Dibenzo(a,h)anthracene	26.257	278	5718648	45.635	ng	98
92)	Benzo(g,h,i)perylene	27.004	276	5681105	45.891	ng	97

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

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