Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030522\
Data File : BP009275.D
Acq On : 04 Mar 2022 19:17
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2022
Supervised By :Jagrut Upadhyay 03/07/2022

Quant Time: Mar 05 01:10:03 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 01:07:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	363735	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1467578	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	882000	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	1808521	20.000	ng	0.00
76) Chrysene-d12	21.327	240	1785027	20.000	ng	0.00
86) Perylene-d12	23.733	264	1948493	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	3638240	178.424	ng	0.00
7) Phenol-d6	6.993	99	4554312	169.504	ng	0.00
23) Nitrobenzene-d5	8.981	82	3982456	153.031	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1643611	139.569	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	8614283	136.724	ng	0.00
79) Terphenyl-d14	19.798	244	12508347	126.016	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	765126	113.935	ng	99
3) Pyridine	3.740	79	1761027	89.766	ng	100
4) n-Nitrosodimethylamine	3.652	42	725146	96.488	ng	96
6) Aniline	7.152	93	2890023	94.763	ng	99
8) 2-Chlorophenol	7.387	128	1871306	81.316	ng	100
10) Phenol	7.022	94	2348356	86.930	ng	99
11) bis(2-Chloroethyl)ether	7.252	93	1805650	86.082	ng	99
12) 1,3-Dichlorobenzene	7.716	146	2130871	80.064	ng	99
13) 1,4-Dichlorobenzene	7.857	146	2152548	79.227	ng	100
14) 1,2-Dichlorobenzene	8.175	146	2047291	77.754	ng	99
15) Benzyl Alcohol	8.063	79	1658148	96.946	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	2271949	96.096	ng	99
17) 2-Methylphenol	8.263	107	1535201	84.768	ng	99
18) Hexachloroethane	8.904	117	774135	86.012	ng	98
19) n-Nitroso-di-n-propyla...	8.640	70	1382979	89.897	ng	99
20) 3+4-Methylphenols	8.599	107	2075342	83.730	ng	99
22) Acetophenone	8.646	105	2738080	79.810	ng	99
24) Nitrobenzene	9.022	77	2050035	83.331	ng	99
25) Isophorone	9.552	82	3718429	85.999	ng	99
26) 2-Nitrophenol	9.728	139	935569	73.530	ng	99
27) 2,4-Dimethylphenol	9.799	122	1723610	90.596	ng	99
28) bis(2-Chloroethoxy)met...	10.034	93	2340428	79.746	ng	99
29) 2,4-Dichlorophenol	10.263	162	1726921	72.640	ng	99
30) 1,2,4-Trichlorobenzene	10.487	180	1913249	68.446	ng	99
31) Naphthalene	10.669	128	5601853	74.839	ng	100
32) Benzoic acid	9.951	122	1169535	78.741	ng	97
33) 4-Chloroaniline	10.775	127	2384057	78.879	ng	99
34) Hexachlorobutadiene	10.969	225	1192241	69.335	ng	99
35) Caprolactam	11.569	113	565592	81.135	ng	99
36) 4-Chloro-3-methylphenol	11.904	107	1830732	80.728	ng	99
37) 2-Methylnaphthalene	12.281	142	4040330	76.278	ng	99
38) 1-Methylnaphthalene	12.504	142	3723712	71.945	ng	100
40) 1,2,4,5-Tetrachloroben...	12.651	216	2092554	74.537	ng	100
41) Hexachlorocyclopentadiene	12.640	237	1444806	175.925	ng	100
43) 2,4,6-Trichlorophenol	12.893	196	1367636	73.461	ng	99
44) 2,4,5-Trichlorophenol	12.963	196	1482550	74.260	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.298	154	4906631	75.717	ng	99
47) 2-Chloronaphthalene	13.334	162	3744025	72.709	ng	100
48) 2-Nitroaniline	13.534	65	1064081	89.182	ng	99
49) Acenaphthylene	14.181	152	6046401	77.885	ng	100
50) Dimethylphthalate	13.928	163	4662442	74.160	ng	100
51) 2,6-Dinitrotoluene	14.034	165	1031286	78.651	ng	98
52) Acenaphthene	14.528	154	3851972m	81.548	ng	
53) 3-Nitroaniline	14.363	138	1108203	82.630	ng	98
54) 2,4-Dinitrophenol	14.563	184	514490	74.462	ng	95
55) Dibenzofuran	14.863	168	5616162	70.573	ng	98
56) 4-Nitrophenol	14.669	139	936967	97.280	ng	98
57) 2,4-Dinitrotoluene	14.822	165	1394000	81.406	ng	99
58) Fluorene	15.516	166	4436375	72.562	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1251811	71.649	ng	99
60) Diethylphthalate	15.298	149	4643190	78.106	ng	100
61) 4-Chlorophenyl-phenyle...	15.510	204	2263372	68.135	ng	99
62) 4-Nitroaniline	15.534	138	1094424	81.158	ng	98
63) Azobenzene	15.810	77	4472018	86.945	ng	98
65) 4,6-Dinitro-2-methylph...	15.592	198	722943	65.137	ng	97
66) n-Nitrosodiphenylamine	15.728	169	3907586	71.244	ng	98
67) 4-Bromophenyl-phenylether	16.410	248	1355361	64.672	ng	98
68) Hexachlorobenzene	16.528	284	1628309	69.361	ng	98
69) Atrazine	16.686	200	1524312	83.813	ng	99
70) Pentachlorophenol	16.869	266	1118114	90.455	ng	99
71) Phenanthrene	17.263	178	7092472	72.427	ng	99
72) Anthracene	17.357	178	7236360	75.530	ng	99
73) Carbazole	17.622	167	6597392	71.838	ng	100
74) Di-n-butylphthalate	18.198	149	7846802	84.328	ng	99
75) Fluoranthene	19.239	202	8441467	76.913	ng	99
77) Benzidine	19.416	184	4150432	111.272	ng	100
78) Pyrene	19.592	202	8563652	67.441	ng	99
80) Butylbenzylphthalate	20.480	149	3625445	83.033	ng	99
81) Benzo(a)anthracene	21.310	228	8474605	73.672	ng	99
82) 3,3'-Dichlorobenzidine	21.245	252	3337505	83.680	ng	99
83) Chrysene	21.369	228	8202028	73.964	ng	99
84) Bis(2-ethylhexyl)phtha...	21.257	149	5340347	92.465	ng	99
85) Di-n-octyl phthalate	22.186	149	9219191	99.788	ng	100
87) Indeno(1,2,3-cd)pyrene	26.251	276	11006377	76.023	ng	99
88) Benzo(b)fluoranthene	23.004	252	9321243	77.708	ng	99
89) Benzo(k)fluoranthene	23.057	252	8921366	74.547	ng	99
90) Benzo(a)pyrene	23.633	252	9111675	91.110	ng	99
91) Dibenzo(a,h)anthracene	26.274	278	9221356	77.505	ng	99
92) Benzo(g,h,i)perylene	27.021	276	9242010	78.017	ng	99

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

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