Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011822\
Data File : BP008837.D
Acq On : 18 Jan 2022 13:32
Operator : CG/JU
Sample : PB142091BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jan 19 03:36:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB142091BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 01/19/2022
Supervised By :Jagrut Upadhyay 01/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	374963	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	1407294	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	883994	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1728849	20.000	ng		0.00
76) Chrysene-d12	21.351	240	1341471	20.000	ng		0.00
86) Perylene-d12	23.769	264	1114994	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	2949112	121.627	ng		0.00
7) Phenol-d6	7.046	99	3481835	118.583	ng		0.01
23) Nitrobenzene-d5	9.022	82	2122361	85.621	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1588816	123.476	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	5390486	80.415	ng		0.00
79) Terphenyl-d14	19.822	244	7162541	90.124	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	325378	33.154	ng		96
3) Pyridine	3.746	79	765957	37.264	ng		96
4) n-Nitrosodimethylamine	3.658	42	437449	45.361	ng	#	83
6) Aniline	7.187	93	1125412	30.709	ng		97
8) 2-Chlorophenol	7.428	128	1137404	44.044	ng		98
9) Benzaldehyde	6.999	77	604459	30.802	ng		98
10) Phenol	7.069	94	1332619	44.518	ng		95
11) bis(2-Chloroethyl)ether	7.287	93	1016129	42.664	ng		98
12) 1,3-Dichlorobenzene	7.752	146	1246815	40.543	ng		98
13) 1,4-Dichlorobenzene	7.899	146	1273663	40.865	ng		99
14) 1,2-Dichlorobenzene	8.216	146	1217200	40.957	ng		100
15) Benzyl Alcohol	8.105	79	904115	43.891	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.399	45	1115473	41.881	ng		99
17) 2-Methylphenol	8.316	107	880117	43.887	ng		97
18) Hexachloroethane	8.940	117	437814	41.386	ng		99
19) n-Nitroso-di-n-propyla...	8.675	70	739314	43.074	ng		97
20) 3+4-Methylphenols	8.646	107	1172253	44.033	ng		98
22) Acetophenone	8.687	105	1557675	43.450	ng	#	97
24) Nitrobenzene	9.063	77	1098572	43.876	ng		96
25) Isophorone	9.599	82	1948755	43.503	ng		99
26) 2-Nitrophenol	9.775	139	590654	44.871	ng		94
27) 2,4-Dimethylphenol	9.846	122	986326	43.947	ng		99
28) bis(2-Chloroethoxy)met...	10.075	93	1263094	43.210	ng		99
29) 2,4-Dichlorophenol	10.322	162	1084072	44.263	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	1201223	41.871	ng		99
31) Naphthalene	10.716	128	3198019	41.840	ng		100
32) Benzoic acid	10.040	122	679614	52.764	ng		97
33) 4-Chloroaniline	10.828	127	379439	12.182	ng		99
34) Hexachlorobutadiene	11.005	225	752819	42.000	ng		99
35) Caprolactam	11.634	113	306430	45.387	ng		95
36) 4-Chloro-3-methylphenol	11.963	107	1000544	45.283	ng		99
37) 2-Methylnaphthalene	12.328	142	2384652	42.677	ng		98
38) 1-Methylnaphthalene	12.546	142	2175747	42.422	ng		99
40) 1,2,4,5-Tetrachloroben...	12.699	216	1378249	42.761	ng		99
41) Hexachlorocyclopentadiene	12.681	237	1626666	98.631	ng		100
43) 2,4,6-Trichlorophenol	12.940	196	887798	44.550	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	953966	44.477	ng	97
46) 1,1'-Biphenyl	13.340	154	3048663	42.389	ng	99
47) 2-Chloronaphthalene	13.381	162	2335874	42.121	ng	100
48) 2-Nitroaniline	13.581	65	570621	46.341	ng	94
49) Acenaphthylene	14.222	152	3597594	42.938	ng	99
50) Dimethylphthalate	13.963	163	2885162	43.946	ng	99
51) 2,6-Dinitrotoluene	14.081	165	635263	45.623	ng	92
52) Acenaphthene	14.569	154	2148096	43.227	ng	99
53) 3-Nitroaniline	14.410	138	314096	22.937	ng	99
54) 2,4-Dinitrophenol	14.622	184	638451	113.376	ng	92
55) Dibenzofuran	14.904	168	3475245	42.918	ng	98
56) 4-Nitrophenol	14.740	139	972104	98.581	ng	93
57) 2,4-Dinitrotoluene	14.875	165	865110	48.303	ng	92
58) Fluorene	15.551	166	2812294	43.971	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.134	232	805103m	45.568	ng	
60) Diethylphthalate	15.334	149	2796614	44.893	ng	99
61) 4-Chlorophenyl-phenyle...	15.545	204	1533203	44.006	ng	99
62) 4-Nitroaniline	15.575	138	592440	44.671	ng	88
63) Azobenzene	15.840	77	2377069	45.962	ng	94
65) 4,6-Dinitro-2-methylph...	15.645	198	424676	49.166	ng	96
66) n-Nitrosodiphenylamine	15.763	169	2457218	44.161	ng	99
67) 4-Bromophenyl-phenylether	16.445	248	956584	44.311	ng	98
68) Hexachlorobenzene	16.569	284	1068782	43.204	ng	97
69) Atrazine	16.722	200	900063	43.529	ng	99
70) Pentachlorophenol	16.916	266	1249342	94.812	ng	99
71) Phenanthrene	17.298	178	4271987	43.887	ng	99
72) Anthracene	17.392	178	4376045	44.815	ng	99
73) Carbazole	17.663	167	3747753	44.636	ng	99
74) Di-n-butylphthalate	18.222	149	4569563	45.224	ng	99
75) Fluoranthene	19.269	202	4748796	43.870	ng	98
77) Benzidine	19.445	184	1226941	25.890	ng	98
78) Pyrene	19.622	202	4735352	50.590	ng	99
80) Butylbenzylphthalate	20.498	149	1796411	47.719	ng	99
81) Benzo(a)anthracene	21.333	228	3983830	44.143	ng	98
82) 3,3'-Dichlorobenzidine	21.263	252	922767	23.667	ng	99
83) Chrysene	21.386	228	3807230	43.518	ng	99
84) Bis(2-ethylhexyl)phtha...	21.263	149	2528619	43.374	ng	98
85) Di-n-octyl phthalate	22.192	149	3897518	39.521	ng	99
87) Indeno(1,2,3-cd)pyrene	26.310	276	3923651	42.705	ng	98
88) Benzo(b)fluoranthene	23.033	252	3441320	46.216	ng	99
89) Benzo(k)fluoranthene	23.086	252	3452395	47.898	ng	98
90) Benzo(a)pyrene	23.669	252	3281348	45.655	ng	98
91) Dibenzo(a,h)anthracene	26.327	278	3336328	42.705	ng	99
92) Benzo(g,h,i)perylene	27.086	276	3261622	42.759	ng	99

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

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