Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016414.D
Acq On : 28 Jul 2023 09:48
Operator : MA/JU
Sample : PB154218BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 28 10:20:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
PB154218BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152	341099	20.000	ng		0.00
21) Naphthalene-d8	10.922	136	1443205	20.000	ng		0.00
39) Acenaphthene-d10	14.734	164	877872	20.000	ng		0.00
64) Phenanthrene-d10	17.498	188	1902273	20.000	ng		0.00
76) Chrysene-d12	21.586	240	1781258	20.000	ng		0.00
86) Perylene-d12	24.186	264	1923431	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.605	112	3662447	175.168	ng		0.00
7) Phenol-d6	7.228	99	4736100	165.261	ng		0.00
23) Nitrobenzene-d5	9.287	82	2749420	106.643	ng		0.00
42) 2,4,6-Tribromophenol	16.228	330	1759316	136.225	ng		0.00
45) 2-Fluorobiphenyl	13.363	172	6193584	101.149	ng		0.00
79) Terphenyl-d14	20.039	244	9477886	112.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	330575	40.539	ng		99
3) Pyridine	3.869	79	942953	38.685	ng		99
4) n-Nitrosodimethylamine	3.799	42	454480	49.452	ng		98
6) Aniline	7.422	93	1639208	46.308	ng		99
8) 2-Chlorophenol	7.640	128	1202376	54.847	ng		96
9) Benzaldehyde	7.240	77	684220	58.929	ng		97
10) Phenol	7.258	94	1560515	56.072	ng		99
11) bis(2-Chloroethyl)ether	7.516	93	1137635	50.287	ng		99
12) 1,3-Dichlorobenzene	7.969	146	1223832	52.003	ng		97
13) 1,4-Dichlorobenzene	8.128	146	1243430	52.086	ng		99
14) 1,2-Dichlorobenzene	8.440	146	1192629	51.887	ng		98
15) Benzyl Alcohol	8.340	79	1049040	53.580	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.622	45	1335507	52.053	ng		99
17) 2-Methylphenol	8.522	107	1035811	51.643	ng		99
18) Hexachloroethane	9.169	117	444516	52.203	ng		95
19) n-Nitroso-di-n-propyla...	8.910	70	879432	48.983	ng		98
20) 3+4-Methylphenols	8.857	107	1406017	51.615	ng		97
22) Acetophenone	8.934	105	1760137	48.305	ng	#	98
24) Nitrobenzene	9.328	77	1294375	48.881	ng		97
25) Isophorone	9.846	82	2467278	47.401	ng		99
26) 2-Nitrophenol	10.034	139	530506	46.581	ng		95
27) 2,4-Dimethylphenol	10.069	122	1222011	52.478	ng		99
28) bis(2-Chloroethoxy)met...	10.334	93	1539023	48.271	ng		99
29) 2,4-Dichlorophenol	10.557	162	1123079	51.534	ng		97
30) 1,2,4-Trichlorobenzene	10.769	180	1124535	47.641	ng		98
31) Naphthalene	10.975	128	3576507	47.377	ng		100
32) Benzoic acid	10.193	122	693027	45.707	ng		98
33) 4-Chloroaniline	11.099	127	1058458	31.084	ng		99
34) Hexachlorobutadiene	11.210	225	632400	45.252	ng		99
35) Caprolactam	11.910	113	406183m	51.007	ng		
36) 4-Chloro-3-methylphenol	12.187	107	1250382	51.617	ng		99
37) 2-Methylnaphthalene	12.569	142	2486261	45.336	ng		99
38) 1-Methylnaphthalene	12.793	142	2339047	45.494	ng		100
40) 1,2,4,5-Tetrachloroben...	12.916	216	1215429	45.560	ng		99
41) Hexachlorocyclopentadiene	12.875	237	1570810	117.237	ng		100
43) 2,4,6-Trichlorophenol	13.163	196	868280	50.725	ng		99

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44) 2,4,5-Trichlorophenol	13.228	196	966383	46.534	ng		96
46) 1,1'-Biphenyl	13.575	154	3182765	47.562	ng		99
47) 2-Chloronaphthalene	13.622	162	2474449	49.013	ng		99
48) 2-Nitroaniline	13.840	65	753795	52.969	ng		99
49) Acenaphthylene	14.463	152	4027035	48.075	ng		100
50) Dimethylphthalate	14.198	163	3219581	47.063	ng		100
51) 2,6-Dinitrotoluene	14.334	165	691373	49.332	ng		93
52) Acenaphthene	14.798	154	2389273	47.966	ng		100
53) 3-Nitroaniline	14.663	138	642767	40.568	ng		94
54) 2,4-Dinitrophenol	14.863	184	648878	97.073	ng		96
55) Dibenzofuran	15.134	168	3809511	46.631	ng		98
56) 4-Nitrophenol	14.945	139	1459360	117.664	ng		98
57) 2,4-Dinitrotoluene	15.110	165	958605	52.484	ng		96
58) Fluorene	15.787	166	3062096	47.710	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.345	232	836233	48.950	ng		93
60) Diethylphthalate	15.551	149	3268820	48.082	ng		99
61) 4-Chlorophenyl-phenyle...	15.775	204	1476567	45.590	ng		96
62) 4-Nitroaniline	15.834	138	777416	49.441	ng		98
63) Azobenzene	16.075	77	3154611	49.143	ng		97
65) 4,6-Dinitro-2-methylph...	15.857	198	442136	49.423	ng		92
66) n-Nitrosodiphenylamine	15.998	169	2769269	49.397	ng		100
67) 4-Bromophenyl-phenylether	16.681	248	932739	46.307	ng		97
68) Hexachlorobenzene	16.757	284	1050524	46.768	ng		94
69) Atrazine	16.951	200	1009264	60.534	ng		99
70) Pentachlorophenol	17.122	266	1405814	90.437	ng		95
71) Phenanthrene	17.539	178	4955878	49.063	ng		100
72) Anthracene	17.633	178	5015058	49.376	ng		100
73) Carbazole	17.910	167	4864821	51.087	ng		99
74) Di-n-butylphthalate	18.428	149	5649496	51.280	ng		99
75) Fluoranthene	19.498	202	5728708	48.387	ng		99
77) Benzidine	19.692	184	3699255	119.783	ng		100
78) Pyrene	19.851	202	6002410	50.268	ng		100
80) Butylbenzylphthalate	20.716	149	2540089	54.148	ng		97
81) Benzo(a)anthracene	21.574	228	5887657	49.263	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	1631317	41.581	ng	#	99
83) Chrysene	21.627	228	5504239	48.230	ng		100
84) Bis(2-ethylhexyl)phtha...	21.463	149	3773272	53.576	ng		99
85) Di-n-octyl phthalate	22.457	149	6486632	54.763	ng		99
87) Indeno(1,2,3-cd)pyrene	26.962	276	6412404	49.450	ng		96
88) Benzo(b)fluoranthene	23.380	252	5961691	53.471	ng		99
89) Benzo(k)fluoranthene	23.433	252	6040601	53.272	ng		98
90) Benzo(a)pyrene	24.068	252	5236999	48.493	ng		98
91) Dibenzo(a,h)anthracene	26.998	278	5364247	49.604	ng		98
92) Benzo(g,h,i)perylene	27.827	276	5030024	48.267	ng		98

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

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