Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081723\
Data File : BM041438.D
Acq On : 17 Aug 2023 17:33
Operator : MA/JU
Sample : PB154898BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 18:42:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 02:13:45 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154898BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/18/2023
Supervised By :mohammad ahmed 08/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	129320	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	532839	20.000	ng	0.00
39) Acenaphthene-d10	14.427	164	355744	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	790488	20.000	ng	0.00
76) Chrysene-d12	21.397	240	732827	20.000	ng	0.00
86) Perylene-d12	23.756	264	813372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1285068	165.311	ng	0.01
7) Phenol-d6	6.969	99	1647940	156.119	ng	0.02
23) Nitrobenzene-d5	8.945	82	1039280	93.107	ng	0.00
42) 2,4,6-Tribromophenol	15.933	330	814288	144.238	ng	0.00
45) 2-Fluorobiphenyl	13.045	172	2524531	95.094	ng	0.00
79) Terphenyl-d14	19.827	244	4235056	100.565	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	131830	39.916	ng	97
3) Pyridine	3.646	79	332226	38.074	ng	97
4) n-Nitrosodimethylamine	3.563	42	193978	48.215	ng	97
6) Aniline	7.104	93	462788	36.869	ng	99
8) 2-Chlorophenol	7.334	128	468622	58.348	ng	100
9) Benzaldehyde	6.916	77	194420	33.360	ng	99
10) Phenol	6.992	94	600720	58.902	ng	98
11) bis(2-Chloroethyl)ether	7.204	93	435572	53.388	ng	98
12) 1,3-Dichlorobenzene	7.645	146	480011	53.774	ng	100
13) 1,4-Dichlorobenzene	7.798	146	493202	54.648	ng	98
14) 1,2-Dichlorobenzene	8.110	146	474484	54.468	ng	99
15) Benzyl Alcohol	8.028	79	436477m	58.245	ng	
16) 2,2'-oxybis(1-Chloropr...	8.304	45	507996m	51.895	ng	
17) 2-Methylphenol	8.239	107	399153	54.750	ng	98
18) Hexachloroethane	8.828	117	184981	53.975	ng	96
19) n-Nitroso-di-n-propyla...	8.586	70	368164	50.841	ng	99
20) 3+4-Methylphenols	8.575	107	540941	54.024	ng	98
22) Acetophenone	8.604	105	691374	50.351	ng	99
24) Nitrobenzene	8.986	77	544261	48.831	ng	99
25) Isophorone	9.510	82	997808	48.838	ng	98
26) 2-Nitrophenol	9.692	139	259285	53.279	ng	97
27) 2,4-Dimethylphenol	9.769	122	406798	51.914	ng	99
28) bis(2-Chloroethoxy)met...	9.992	93	596889	50.192	ng	99
29) 2,4-Dichlorophenol	10.239	162	486644	56.688	ng	99
30) 1,2,4-Trichlorobenzene	10.428	180	506890	53.179	ng	99
31) Naphthalene	10.616	128	1364956	49.270	ng	99
32) Benzoic acid	9.975	122	313238	49.771	ng	100
33) 4-Chloroaniline	10.757	127	193407	16.536	ng	99
34) Hexachlorobutadiene	10.880	225	329365	52.250	ng	99
35) Caprolactam	11.586	113	138016	51.861	ng	97
36) 4-Chloro-3-methylphenol	11.904	107	483403	52.911	ng	97
37) 2-Methylnaphthalene	12.233	142	965190	47.880	ng	100
38) 1-Methylnaphthalene	12.457	142	934672	49.078	ng	100
40) 1,2,4,5-Tetrachloroben...	12.604	216	602500	51.911	ng	98
41) Hexachlorocyclopentadiene	12.569	237	698396	108.142	ng	100
43) 2,4,6-Trichlorophenol	12.869	196	419023	53.945	ng	98

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44) 2,4,5-Trichlorophenol	12.957	196	451733	50.236	ng		97
46) 1,1'-Biphenyl	13.257	154	1330825	49.570	ng		98
47) 2-Chloronaphthalene	13.298	162	1060146	51.377	ng		100
48) 2-Nitroaniline	13.533	65	321717	47.716	ng		93
49) Acenaphthylene	14.151	152	1691985	50.601	ng		99
50) Dimethylphthalate	13.904	163	1357982	48.886	ng		99
51) 2,6-Dinitrotoluene	14.033	165	299901	50.376	ng		96
52) Acenaphthene	14.492	154	985303	49.268	ng		98
53) 3-Nitroaniline	14.368	138	199191	33.550	ng		99
54) 2,4-Dinitrophenol	14.586	184	384832	103.347	ng		91
55) Dibenzofuran	14.833	168	1650133	49.205	ng		99
56) 4-Nitrophenol	14.721	139	417194	93.317	ng		96
57) 2,4-Dinitrotoluene	14.827	165	419681	51.583	ng		93
58) Fluorene	15.480	166	1329157	49.455	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	406991	53.255	ng		96
60) Diethylphthalate	15.262	149	1345745	48.488	ng		99
61) 4-Chlorophenyl-phenyle...	15.480	204	727260	50.191	ng		97
62) 4-Nitroaniline	15.545	138	262095	48.391	ng		98
63) Azobenzene	15.774	77	1300798	46.518	ng		96
65) 4,6-Dinitro-2-methylph...	15.592	198	262217	51.819	ng		95
66) n-Nitrosodiphenylamine	15.704	169	1145961	49.248	ng		98
67) 4-Bromophenyl-phenylether	16.374	248	453115	50.020	ng		98
68) Hexachlorobenzene	16.486	284	528614	53.473	ng		97
69) Atrazine	16.668	200	444857	67.369	ng		100
70) Pentachlorophenol	16.845	266	587912	84.928	ng		99
71) Phenanthrene	17.233	178	2056077	49.274	ng		99
72) Anthracene	17.321	178	2107420	49.806	ng		100
73) Carbazole	17.609	167	1871417	49.707	ng		100
74) Di-n-butylphthalate	18.162	149	2360690	49.912	ng		99
75) Fluoranthene	19.256	202	2474174	49.803	ng		100
77) Benzidine	19.462	184	993590	118.284	ng		99
78) Pyrene	19.621	202	2559759	48.841	ng		100
80) Butylbenzylphthalate	20.527	149	1049666	50.004	ng		97
81) Benzo(a)anthracene	21.380	228	2551177	50.979	ng		100
82) 3,3'-Dichlorobenzidine	21.321	252	776469	47.973	ng		100
83) Chrysene	21.433	228	2340687	49.206	ng		100
84) Bis(2-ethylhexyl)phtha...	21.303	149	1543927	51.770	ng	#	97
85) Di-n-octyl phthalate	22.215	149	2630876	53.952	ng		98
87) Indeno(1,2,3-cd)pyrene	26.203	276	2770565	52.317	ng		98
88) Benzo(b)fluoranthene	23.038	252	2526958	52.125	ng		99
89) Benzo(k)fluoranthene	23.091	252	2476429	50.547	ng		99
90) Benzo(a)pyrene	23.656	252	2217002	48.027	ng		99
91) Dibenzo(a,h)anthracene	26.215	278	2360793	53.006	ng		98
92) Benzo(g,h,i)perylene	26.956	276	2241556	52.061	ng		99

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

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