Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM073123\
Data File : BM041182.D
Acq On : 31 Jul 2023 10:36
Operator : MA/JU
Sample : PB154262BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jul 31 16:31:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 31 16:29:28 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154262BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/01/2023
Supervised By :mohammad ahmed 08/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.798	152	151520	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	573385	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	297339	20.000	ng		0.00
64) Phenanthrene-d10	17.221	188	569858	20.000	ng		0.00
76) Chrysene-d12	21.421	240	550463	20.000	ng		0.00
86) Perylene-d12	23.792	264	659979	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	814342	80.326	ng		0.00
7) Phenol-d6	6.975	99	998566	75.988	ng		0.00
23) Nitrobenzene-d5	8.975	82	949220	76.987	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	335987	79.888	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	1923916	81.738	ng		0.00
79) Terphenyl-d14	19.856	244	2646321	86.921	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	125012	28.825	ng		96
3) Pyridine	3.669	79	337043	29.557	ng		97
4) n-Nitrosodimethylamine	3.581	42	186949	35.448	ng		95
6) Aniline	7.134	93	545727	35.485	ng		99
8) 2-Chlorophenol	7.363	128	418501	42.285	ng		100
9) Benzaldehyde	6.946	77	244999m	35.333	ng		
10) Phenol	7.004	94	533914	42.066	ng		100
11) bis(2-Chloroethyl)ether	7.234	93	414787	40.373	ng		98
12) 1,3-Dichlorobenzene	7.681	146	459860	42.686	ng		98
13) 1,4-Dichlorobenzene	7.834	146	469519	43.360	ng		99
14) 1,2-Dichlorobenzene	8.151	146	451011	43.440	ng		98
15) Benzyl Alcohol	8.057	79	367960	44.339	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	540536	39.487	ng		98
17) 2-Methylphenol	8.257	107	346438	39.953	ng		99
18) Hexachloroethane	8.869	117	174423	43.267	ng		93
19) n-Nitroso-di-n-propyla...	8.622	70	319828	40.069	ng		97
20) 3+4-Methylphenols	8.587	107	463710	39.996	ng		99
22) Acetophenone	8.634	105	610523	40.204	ng	#	99
24) Nitrobenzene	9.016	77	481966	38.654	ng		100
25) Isophorone	9.545	82	830740	39.692	ng		99
26) 2-Nitrophenol	9.728	139	213595	43.821	ng		95
27) 2,4-Dimethylphenol	9.792	122	363848	42.420	ng		99
28) bis(2-Chloroethoxy)met...	10.028	93	521353	39.766	ng		100
29) 2,4-Dichlorophenol	10.257	162	368446	42.597	ng		100
30) 1,2,4-Trichlorobenzene	10.469	180	410174	42.921	ng		99
31) Naphthalene	10.657	128	1227601	39.453	ng		99
32) Benzoic acid	9.945	122	242385	39.173	ng		99
33) 4-Chloroaniline	10.786	127	281507	22.639	ng		98
34) Hexachlorobutadiene	10.928	225	248567	43.247	ng		99
35) Caprolactam	11.592	113	102197m	40.843	ng		
36) 4-Chloro-3-methylphenol	11.916	107	370236	40.668	ng		98
37) 2-Methylnaphthalene	12.275	142	802389	38.251	ng		99
38) 1-Methylnaphthalene	12.498	142	748080	38.102	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	416249	43.113	ng		99
41) Hexachlorocyclopentadiene	12.610	237	583262	114.188	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	277489	44.841	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.969	196	293916	41.036	ng	98
46) 1,1'-Biphenyl	13.298	154	1001992	41.568	ng	98
47) 2-Chloronaphthalene	13.339	162	772937	42.945	ng	99
48) 2-Nitroaniline	13.557	65	233667	40.672	ng	99
49) Acenaphthylene	14.186	152	1202048	41.377	ng	100
50) Dimethylphthalate	13.933	163	924554	41.337	ng	100
51) 2,6-Dinitrotoluene	14.063	165	199214	42.987	ng	94
52) Acenaphthene	14.527	154	714295	40.814	ng	99
53) 3-Nitroaniline	14.392	138	160222	30.850	ng	96
54) 2,4-Dinitrophenol	14.604	184	225588	72.661	ng	91
55) Dibenzofuran	14.869	168	1142804	40.023	ng	100
56) 4-Nitrophenol	14.710	139	371956	96.303	ng	93
57) 2,4-Dinitrotoluene	14.851	165	261237	39.948	ng	92
58) Fluorene	15.516	166	896946	39.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	250703	43.225	ng	99
60) Diethylphthalate	15.298	149	892179	41.248	ng	100
61) 4-Chlorophenyl-phenyle...	15.516	204	458890	40.653	ng	98
62) 4-Nitroaniline	15.563	138	181011	37.604	ng	97
63) Azobenzene	15.810	77	927117	39.131	ng	97
65) 4,6-Dinitro-2-methylph...	15.616	198	143967	41.703	ng	93
66) n-Nitrosodiphenylamine	15.733	169	754659	42.581	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	271143	43.397	ng	98
68) Hexachlorobenzene	16.521	284	321049	46.210	ng	98
69) Atrazine	16.698	200	264532	56.836	ng	99
70) Pentachlorophenol	16.874	266	434716	90.361	ng	99
71) Phenanthrene	17.268	178	1335220	42.172	ng	100
72) Anthracene	17.357	178	1336161	42.670	ng	100
73) Carbazole	17.639	167	1231045	43.435	ng	100
74) Di-n-butylphthalate	18.198	149	1411406	44.069	ng	100
75) Fluoranthene	19.292	202	1520259	42.739	ng	100
77) Benzidine	19.492	184	876289	116.796	ng	99
78) Pyrene	19.657	202	1605871	41.717	ng	100
80) Butylbenzylphthalate	20.556	149	624925	44.455	ng	99
81) Benzo(a)anthracene	21.409	228	1649489	44.202	ng	99
82) 3,3'-Dichlorobenzidine	21.351	252	532205	43.706	ng	99
83) Chrysene	21.462	228	1514622	41.963	ng	99
84) Bis(2-ethylhexyl)phtha...	21.333	149	901789	40.797	ng	98
85) Di-n-octyl phthalate	22.250	149	1592555	44.825	ng	97
87) Indeno(1,2,3-cd)pyrene	26.244	276	2160566	44.527	ng	98
88) Benzo(b)fluoranthene	23.074	252	1765595	45.033	ng	98
89) Benzo(k)fluoranthene	23.121	252	1712549	42.702	ng	99
90) Benzo(a)pyrene	23.692	252	1538308	40.834	ng	99
91) Dibenzo(a,h)anthracene	26.256	278	1818729	44.938	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1717246	43.363	ng	99

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

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