Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081023\
Data File : BM041356.D
Acq On : 10 Aug 2023 10:33
Operator : MA/JU
Sample : PB154720BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 11 03:30:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 09 12:20:12 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154720BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	134601	20.000	ng		0.00
21) Naphthalene-d8	10.586	136	571012	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	388141	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	882007	20.000	ng		0.00
76) Chrysene-d12	21.415	240	916470	20.000	ng		0.00
86) Perylene-d12	23.780	264	1081312	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	917590	101.888	ng		0.00
7) Phenol-d6	6.969	99	1193897	102.271	ng		0.00
23) Nitrobenzene-d5	8.957	82	1140115	92.854	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	612823	111.624	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2770436	90.167	ng		0.00
79) Terphenyl-d14	19.850	244	5118042	100.971	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.251	88	143184	37.165	ng		94
3) Pyridine	3.657	79	363464	35.880	ng		96
4) n-Nitrosodimethylamine	3.575	42	206953	44.173	ng		94
6) Aniline	7.116	93	476601	34.886	ng		98
8) 2-Chlorophenol	7.345	128	498036	56.647	ng		98
9) Benzaldehyde	6.928	77	237661m	38.583	ng		
10) Phenol	6.992	94	640473	56.805	ng		96
11) bis(2-Chloroethyl)ether	7.216	93	458197	50.204	ng		96
12) 1,3-Dichlorobenzene	7.663	146	502692	52.527	ng		97
13) 1,4-Dichlorobenzene	7.816	146	511461	53.171	ng		99
14) 1,2-Dichlorobenzene	8.128	146	496792	53.864	ng		98
15) Benzyl Alcohol	8.039	79	469451	63.679	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.316	45	559649	46.023	ng		94
17) 2-Methylphenol	8.245	107	434841	56.451	ng		98
18) Hexachloroethane	8.845	117	192863	53.855	ng	#	88
19) n-Nitroso-di-n-propyla...	8.604	70	403041	56.842	ng		95
20) 3+4-Methylphenols	8.575	107	590807	57.363	ng		98
22) Acetophenone	8.622	105	741880	49.057	ng	#	98
24) Nitrobenzene	9.004	77	582023	46.873	ng		100
25) Isophorone	9.528	82	1101530	52.848	ng		98
26) 2-Nitrophenol	9.710	139	274372	56.523	ng		94
27) 2,4-Dimethylphenol	9.775	122	447811	52.427	ng		98
28) bis(2-Chloroethoxy)met...	10.010	93	642522	49.212	ng		100
29) 2,4-Dichlorophenol	10.245	162	513814	59.650	ng		100
30) 1,2,4-Trichlorobenzene	10.445	180	518324	54.463	ng		98
31) Naphthalene	10.633	128	1482885	47.856	ng		99
32) Benzoic acid	9.969	122	364192	55.463	ng		97
33) 4-Chloroaniline	10.769	127	258590	20.882	ng		99
34) Hexachlorobutadiene	10.898	225	325629	56.890	ng		99
35) Caprolactam	11.598	113	164018m	65.823	ng		
36) 4-Chloro-3-methylphenol	11.904	107	553077	61.004	ng		98
37) 2-Methylnaphthalene	12.257	142	1061563	50.816	ng		98
38) 1-Methylnaphthalene	12.474	142	1029028	52.630	ng		99
40) 1,2,4,5-Tetrachloroben...	12.627	216	615569	48.842	ng	#	98
41) Hexachlorocyclopentadiene	12.586	237	672296	100.828	ng		98
43) 2,4,6-Trichlorophenol	12.880	196	454199	56.227	ng		99

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44) 2,4,5-Trichlorophenol	12.957	196	496872	53.143	ng		96
46) 1,1'-Biphenyl	13.274	154	1465279	46.567	ng		99
47) 2-Chloronaphthalene	13.316	162	1148826	48.897	ng		99
48) 2-Nitroaniline	13.545	65	374585	49.948	ng		98
49) Acenaphthylene	14.168	152	1906776	50.281	ng		100
50) Dimethylphthalate	13.921	163	1547627	53.007	ng		99
51) 2,6-Dinitrotoluene	14.051	165	338671	55.983	ng		96
52) Acenaphthene	14.510	154	1094859	47.924	ng		100
53) 3-Nitroaniline	14.380	138	237082	34.626	ng		98
54) 2,4-Dinitrophenol	14.598	184	475841	113.817	ng		91
55) Dibenzofuran	14.851	168	1837174	49.289	ng		100
56) 4-Nitrophenol	14.710	139	515233	102.192	ng		93
57) 2,4-Dinitrotoluene	14.845	165	481579	55.313	ng		95
58) Fluorene	15.504	166	1503191	51.121	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	459550	60.698	ng		95
60) Diethylphthalate	15.286	149	1562749	55.349	ng		98
61) 4-Chlorophenyl-phenyle...	15.498	204	793406	53.845	ng		97
62) 4-Nitroaniline	15.557	138	298235	46.376	ng		94
63) Azobenzene	15.792	77	1561913	50.502	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	304210	56.935	ng		87
66) n-Nitrosodiphenylamine	15.721	169	1305389	47.588	ng		99
67) 4-Bromophenyl-phenylether	16.392	248	501516	51.860	ng		98
68) Hexachlorobenzene	16.504	284	591762	55.031	ng		97
69) Atrazine	16.686	200	510266	70.833	ng		99
70) Pentachlorophenol	16.862	266	711156	95.507	ng		99
71) Phenanthrene	17.251	178	2400681	48.989	ng		100
72) Anthracene	17.345	178	2455865	50.671	ng		100
73) Carbazole	17.627	167	2215566	50.506	ng		100
74) Di-n-butylphthalate	18.180	149	2821179	56.913	ng		100
75) Fluoranthene	19.274	202	2980108	54.129	ng		99
77) Benzidine	19.480	184	1151578	92.190	ng		100
78) Pyrene	19.639	202	3114646	48.598	ng		100
80) Butylbenzylphthalate	20.544	149	1330037	56.828	ng		97
81) Benzo(a)anthracene	21.403	228	3241388	52.172	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	935168	46.128	ng		99
83) Chrysene	21.456	228	3001122	49.940	ng		99
84) Bis(2-ethylhexyl)phtha...	21.321	149	1986262	53.153	ng	#	96
85) Di-n-octyl phthalate	22.238	149	3543084	59.899	ng		95
87) Indeno(1,2,3-cd)pyrene	26.232	276	3761886	47.320	ng	#	95
88) Benzo(b)fluoranthene	23.068	252	3381589	52.643	ng	#	97
89) Benzo(k)fluoranthene	23.115	252	3329590	50.672	ng	#	98
90) Benzo(a)pyrene	23.680	252	2985548	48.371	ng	#	98
91) Dibenzo(a,h)anthracene	26.244	278	3172272	47.840	ng	#	97
92) Benzo(g,h,i)perylene	26.985	276	2989693	46.078	ng		96

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

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