Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082123\
Data File : BM041442.D
Acq On : 21 Aug 2023 11:13
Operator : MA/JU
Sample : PB154955BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 22 03:34:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 03:32:15 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154955BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/22/2023
Supervised By :mohammad ahmed 08/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	167716	20.000	ng		0.00
21) Naphthalene-d8	10.557	136	693004	20.000	ng		0.00
39) Acenaphthene-d10	14.416	164	454782	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1008039	20.000	ng		0.00
76) Chrysene-d12	21.386	240	933151	20.000	ng		0.00
86) Perylene-d12	23.727	264	987921	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1110079	110.108	ng		0.00
7) Phenol-d6	6.957	99	1424285	104.041	ng		0.00
23) Nitrobenzene-d5	8.940	82	924719	63.697	ng		0.00
42) 2,4,6-Tribromophenol	15.921	330	715324	99.115	ng		0.00
45) 2-Fluorobiphenyl	13.039	172	2207251	65.037	ng		0.00
79) Terphenyl-d14	19.815	244	3748005	69.894	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	111969	26.141	ng		95
3) Pyridine	3.646	79	288682	25.510	ng		97
4) n-Nitrosodimethylamine	3.563	42	167179	32.041	ng		98
6) Aniline	7.099	93	470981	28.932	ng		99
8) 2-Chlorophenol	7.328	128	392497	37.682	ng		98
9) Benzaldehyde	6.910	77	159788	21.141	ng		98
10) Phenol	6.987	94	502561	37.996	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	370190	34.986	ng		97
12) 1,3-Dichlorobenzene	7.640	146	416935	36.015	ng		100
13) 1,4-Dichlorobenzene	7.793	146	428501	36.610	ng		98
14) 1,2-Dichlorobenzene	8.104	146	409694	36.264	ng		99
15) Benzyl Alcohol	8.022	79	358360m	36.873	ng		
16) 2,2'-oxybis(1-Chloropr...	8.298	45	426710m	33.612	ng		
17) 2-Methylphenol	8.228	107	332459	35.162	ng		99
18) Hexachloroethane	8.822	117	158275	35.610	ng		96
19) n-Nitroso-di-n-propyla...	8.581	70	316005	33.648	ng		99
20) 3+4-Methylphenols	8.563	107	451730	34.786	ng		99
22) Acetophenone	8.598	105	595664	33.354	ng	#	99
24) Nitrobenzene	8.981	77	471567	32.531	ng		99
25) Isophorone	9.504	82	856365	32.228	ng		98
26) 2-Nitrophenol	9.687	139	218621	34.541	ng		98
27) 2,4-Dimethylphenol	9.757	122	346264	33.976	ng		97
28) bis(2-Chloroethoxy)met...	9.987	93	499182	32.274	ng		99
29) 2,4-Dichlorophenol	10.228	162	403147	36.108	ng		98
30) 1,2,4-Trichlorobenzene	10.422	180	439578	35.459	ng		99
31) Naphthalene	10.610	128	1191513	33.069	ng		99
32) Benzoic acid	9.957	122	261300	31.923	ng		99
33) 4-Chloroaniline	10.745	127	263680	17.334	ng		98
34) Hexachlorobutadiene	10.875	225	285210	34.788	ng		100
35) Caprolactam	11.569	113	113357m	32.751	ng		
36) 4-Chloro-3-methylphenol	11.892	107	408841	34.408	ng		97
37) 2-Methylnaphthalene	12.228	142	843288	32.165	ng		99
38) 1-Methylnaphthalene	12.445	142	806917	32.577	ng		100
40) 1,2,4,5-Tetrachloroben...	12.598	216	516850	34.834	ng		99
41) Hexachlorocyclopentadiene	12.557	237	590742	73.719	ng		100
43) 2,4,6-Trichlorophenol	12.857	196	353489	35.598	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	380157	33.070	ng		99
46) 1,1'-Biphenyl	13.251	154	1139128	33.190	ng		99
47) 2-Chloronaphthalene	13.292	162	908916	34.455	ng		99
48) 2-Nitroaniline	13.522	65	273683	31.752	ng		97
49) Acenaphthylene	14.139	152	1463526	34.237	ng		99
50) Dimethylphthalate	13.892	163	1151788	32.434	ng		100
51) 2,6-Dinitrotoluene	14.022	165	253185	33.267	ng		98
52) Acenaphthene	14.480	154	839494	32.836	ng		100
53) 3-Nitroaniline	14.357	138	189667	24.989	ng		98
54) 2,4-Dinitrophenol	14.575	184	259285	54.468	ng		94
55) Dibenzofuran	14.822	168	1424089	33.217	ng		99
56) 4-Nitrophenol	14.698	139	361722	63.290	ng		96
57) 2,4-Dinitrotoluene	14.816	165	353557	33.993	ng		93
58) Fluorene	15.474	166	1142318	33.247	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.057	232	344582	35.270	ng		98
60) Diethylphthalate	15.257	149	1142113	32.190	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	621512	33.552	ng		99
62) 4-Nitroaniline	15.533	138	218901	31.614	ng		98
63) Azobenzene	15.763	77	1121027	31.359	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	197336	30.581	ng		92
66) n-Nitrosodiphenylamine	15.692	169	981562	33.079	ng		98
67) 4-Bromophenyl-phenylether	16.363	248	386074	33.422	ng		99
68) Hexachlorobenzene	16.474	284	449424	35.651	ng		98
69) Atrazine	16.657	200	378285	44.924	ng		98
70) Pentachlorophenol	16.833	266	489061	55.402	ng		99
71) Phenanthrene	17.221	178	1771062	33.284	ng		100
72) Anthracene	17.310	178	1800348	33.366	ng		99
73) Carbazole	17.598	167	1600536	33.338	ng		99
74) Di-n-butylphthalate	18.151	149	1988361	32.967	ng		100
75) Fluoranthene	19.245	202	2118087	33.434	ng		99
77) Benzidine	19.451	184	957394	89.507	ng		100
78) Pyrene	19.609	202	2212282	33.150	ng		100
80) Butylbenzylphthalate	20.515	149	876668	32.798	ng		100
81) Benzo(a)anthracene	21.368	228	2185271	34.293	ng		100
82) 3,3'-Dichlorobenzidine	21.309	252	619371	30.052	ng		100
83) Chrysene	21.421	228	2006677	33.129	ng		99
84) Bis(2-ethylhexyl)phtha...	21.292	149	1267785	33.385	ng	#	97
85) Di-n-octyl phthalate	22.198	149	2133614	34.362	ng		98
87) Indeno(1,2,3-cd)pyrene	26.144	276	2230644	34.679	ng		98
88) Benzo(b)fluoranthene	23.015	252	2089857	35.492	ng		99
89) Benzo(k)fluoranthene	23.062	252	2038542	34.258	ng		99
90) Benzo(a)pyrene	23.627	252	1822988	32.514	ng		99
91) Dibenzo(a,h)anthracene	26.150	278	1882301	34.796	ng		98
92) Benzo(g,h,i)perylene	26.885	276	1741528	33.301	ng		99

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

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