Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080823\
Data File : BM041323.D
Acq On : 08 Aug 2023 10:10
Operator : MA/JU
Sample : PB154564BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 09 01:11:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 17:25:06 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB154564BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
08/09/2023
Supervised By :mohammad ahmed
08/09/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	196612	20.000	ng	0.00
21) Naphthalene-d8	10.586	136	770910	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	431102	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	834341	20.000	ng	0.00
76) Chrysene-d12	21.415	240	719026	20.000	ng	0.00
86) Perylene-d12	23.786	264	813579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	1463742	111.269	ng	0.00
7) Phenol-d6	6.969	99	1801727	105.661	ng	0.00
23) Nitrobenzene-d5	8.963	82	1157440	69.822	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	650884	106.742	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	2371916	69.504	ng	0.00
79) Terphenyl-d14	19.851	244	3116130	78.358	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	154520	27.458	ng	97
3) Pyridine	3.658	79	406314	27.460	ng	98
4) n-Nitrosodimethylamine	3.575	42	234213	34.224	ng	96
6) Aniline	7.116	93	652604	32.702	ng	99
8) 2-Chlorophenol	7.345	128	521243	40.588	ng	99
9) Benzaldehyde	6.934	77	316288m	35.152	ng	
10) Phenol	6.998	94	659138	40.022	ng	98
11) bis(2-Chloroethyl)ether	7.216	93	505218	37.897	ng	98
12) 1,3-Dichlorobenzene	7.669	146	561338	40.155	ng	98
13) 1,4-Dichlorobenzene	7.816	146	574770	40.907	ng	100
14) 1,2-Dichlorobenzene	8.128	146	548712	40.729	ng	99
15) Benzyl Alcohol	8.040	79	476532	44.252	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.322	45	628693	35.394	ng	97
17) 2-Methylphenol	8.240	107	430025	38.218	ng	98
18) Hexachloroethane	8.851	117	216524	41.392	ng	88
19) n-Nitroso-di-n-propyla...	8.604	70	405426	39.144	ng	97
20) 3+4-Methylphenols	8.575	107	575064	38.225	ng	97
22) Acetophenone	8.622	105	768294	37.630	ng	100
24) Nitrobenzene	9.004	77	608117	36.275	ng	99
25) Isophorone	9.528	82	1058921	37.631	ng	99
26) 2-Nitrophenol	9.710	139	275609	42.056	ng	97
27) 2,4-Dimethylphenol	9.775	122	417197	36.178	ng	96
28) bis(2-Chloroethoxy)met...	10.016	93	636116	36.088	ng	99
29) 2,4-Dichlorophenol	10.245	162	471338	40.530	ng	99
30) 1,2,4-Trichlorobenzene	10.451	180	525975	40.936	ng	98
31) Naphthalene	10.639	128	1511061	36.120	ng	99
32) Benzoic acid	9.957	122	327160	39.298	ng	99
33) 4-Chloroaniline	10.769	127	462239	27.649	ng	99
34) Hexachlorobutadiene	10.904	225	333322	43.134	ng	99
35) Caprolactam	11.592	113	126481m	37.597	ng	
36) 4-Chloro-3-methylphenol	11.904	107	468097	38.243	ng	96
37) 2-Methylnaphthalene	12.257	142	997639	35.373	ng	99
38) 1-Methylnaphthalene	12.480	142	952319	36.077	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	555838	39.707	ng	98
41) Hexachlorocyclopentadiene	12.592	237	613114	82.789	ng	97
43) 2,4,6-Trichlorophenol	12.880	196	362926	40.450	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	388359	37.398	ng	97
46) 1,1'-Biphenyl	13.280	154	1282087	36.685	ng	99
47) 2-Chloronaphthalene	13.322	162	997994	38.244	ng	99
48) 2-Nitroaniline	13.551	65	302930	36.368	ng	97
49) Acenaphthylene	14.174	152	1568959	37.250	ng	100
50) Dimethylphthalate	13.922	163	1172648	36.161	ng	100
51) 2,6-Dinitrotoluene	14.051	165	255100	37.966	ng	98
52) Acenaphthene	14.516	154	898456	35.408	ng	99
53) 3-Nitroaniline	14.380	138	217715	29.075	ng	96
54) 2,4-Dinitrophenol	14.598	184	326752	72.595	ng	96
55) Dibenzofuran	14.851	168	1460822	35.286	ng	100
56) 4-Nitrophenol	14.704	139	409446	73.117	ng	96
57) 2,4-Dinitrotoluene	14.845	165	341175	36.249	ng	96
58) Fluorene	15.504	166	1146667	35.110	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	329827	39.223	ng	97
60) Diethylphthalate	15.286	149	1133486	36.145	ng	99
61) 4-Chlorophenyl-phenyle...	15.498	204	598199	36.552	ng	99
62) 4-Nitroaniline	15.557	138	228048	33.220	ng	96
63) Azobenzene	15.792	77	1185336	34.506	ng	99
65) 4,6-Dinitro-2-methylph...	15.610	198	201141	39.795	ng	92
66) n-Nitrosodiphenylamine	15.721	169	962133	37.078	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	355297	38.839	ng	98
68) Hexachlorobenzene	16.510	284	415733	40.870	ng	96
69) Atrazine	16.686	200	332107	48.735	ng	100
70) Pentachlorophenol	16.863	266	465574	66.098	ng	99
71) Phenanthrene	17.251	178	1675362	36.141	ng	100
72) Anthracene	17.345	178	1679938	36.642	ng	99
73) Carbazole	17.627	167	1506113	36.295	ng	100
74) Di-n-butylphthalate	18.186	149	1838971	39.218	ng	100
75) Fluoranthene	19.280	202	1878534	36.070	ng	99
77) Benzidine	19.480	184	901873	92.026	ng	99
78) Pyrene	19.645	202	1950376	38.788	ng	100
80) Butylbenzylphthalate	20.551	149	774574	42.183	ng	96
81) Benzo(a)anthracene	21.403	228	1867432	38.311	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	677524	42.596	ng	99
83) Chrysene	21.456	228	1706911	36.204	ng	100
84) Bis(2-ethylhexyl)phtha...	21.321	149	1132627	39.326	ng	98
85) Di-n-octyl phthalate	22.239	149	1927986	41.545	ng	96
87) Indeno(1,2,3-cd)pyrene	26.233	276	2219239	37.101	ng	96
88) Benzo(b)fluoranthene	23.068	252	1943739	40.217	ng	98
89) Benzo(k)fluoranthene	23.115	252	1750248	35.402	ng	98
90) Benzo(a)pyrene	23.680	252	1660854	35.764	ng	98
91) Dibenzo(a,h)anthracene	26.244	278	1875700	37.596	ng	98
92) Benzo(g,h,i)perylene	26.991	276	1752506	35.899	ng	96

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

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