Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
Data File : BM044075.D
Acq On : 14 Feb 2024 10:32
Operator : MA/JU
Sample : PB158892BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 14 11:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB158892BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2024
Supervised By :mohammad ahmed 02/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	530969	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	2231771	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	1184713	20.000	ng		0.00
64) Phenanthrene-d10	17.298	188	2045852	20.000	ng		0.00
76) Chrysene-d12	21.503	240	1239464	20.000	ng		0.00
86) Perylene-d12	23.891	264	1170173	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	5214179	142.827	ng		0.00
7) Phenol-d6	7.081	99	6412527	138.054	ng		0.00
23) Nitrobenzene-d5	9.081	82	3746347	89.075	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	1429239	111.423	ng		0.00
45) 2-Fluorobiphenyl	13.180	172	7104503	84.634	ng		0.00
79) Terphenyl-d14	19.939	244	7003698	99.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	563293	38.879	ng		99
3) Pyridine	3.787	79	1417164	37.049	ng		99
4) n-Nitrosodimethylamine	3.705	42	739161	50.930	ng		97
6) Aniline	7.240	93	1589858	34.811	ng		98
8) 2-Chlorophenol	7.469	128	1856822	48.706	ng		99
9) Benzaldehyde	7.051	77	52336	2.193	ng		100
10) Phenol	7.104	94	2339279	49.901	ng		99
11) bis(2-Chloroethyl)ether	7.340	93	1804266	46.478	ng		99
12) 1,3-Dichlorobenzene	7.793	146	1771165	40.920	ng		98
13) 1,4-Dichlorobenzene	7.940	146	1798490	41.221	ng		98
14) 1,2-Dichlorobenzene	8.251	146	1727515	41.554	ng		99
15) Benzyl Alcohol	8.157	79	1450784m	47.970	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	2185053	44.401	ng		99
17) 2-Methylphenol	8.351	107	1491662	48.474	ng		98
18) Hexachloroethane	8.975	117	688671	42.156	ng		98
19) n-Nitroso-di-n-propyla...	8.728	70	1297538	45.492	ng		98
20) 3+4-Methylphenols	8.687	107	2003865	47.313	ng		99
22) Acetophenone	8.740	105	2632484	46.471	ng		99
24) Nitrobenzene	9.122	77	1843953	42.814	ng		99
25) Isophorone	9.645	82	3520536	43.471	ng		99
26) 2-Nitrophenol	9.822	139	914738	45.810	ng		100
27) 2,4-Dimethylphenol	9.886	122	1435014	56.203	ng		97
28) bis(2-Chloroethoxy)met...	10.134	93	2347869	44.827	ng		100
29) 2,4-Dichlorophenol	10.357	162	1544579	45.948	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	1520150	40.215	ng		98
31) Naphthalene	10.757	128	5096791	41.379	ng		100
32) Benzoic acid	10.057	122	1156827	44.978	ng		100
33) 4-Chloroaniline	10.881	127	507700	10.885	ng		99
34) Hexachlorobutadiene	11.033	225	809857	37.431	ng		99
35) Caprolactam	11.681	113	468715	43.330	ng		99
36) 4-Chloro-3-methylphenol	12.004	107	1641368	45.092	ng		100
37) 2-Methylnaphthalene	12.369	142	3357719	40.924	ng		98
38) 1-Methylnaphthalene	12.592	142	3249071	40.300	ng		99
40) 1,2,4,5-Tetrachloroben...	12.733	216	1552569	45.086	ng	#	98
41) Hexachlorocyclopentadiene	12.704	237	1847524	122.937	ng		99
43) 2,4,6-Trichlorophenol	12.980	196	1075367	45.887	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1132967	44.053	ng	#	96
46) 1,1'-Biphenyl	13.386	154	4260823	45.579	ng		99
47) 2-Chloronaphthalene	13.427	162	3214860	43.413	ng		99
48) 2-Nitroaniline	13.639	65	955707	45.876	ng		95
49) Acenaphthylene	14.274	152	5147439	46.593	ng		99
50) Dimethylphthalate	14.022	163	3719869	42.348	ng		99
51) 2,6-Dinitrotoluene	14.145	165	817355	42.176	ng		100
52) Acenaphthene	14.616	154	2922735	42.746	ng		99
53) 3-Nitroaniline	14.469	138	491610	23.604	ng		95
54) 2,4-Dinitrophenol	14.674	184	945809	81.205	ng		99
55) Dibenzofuran	14.951	168	4454059	42.088	ng		98
56) 4-Nitrophenol	14.774	139	1458649	86.153	ng		95
57) 2,4-Dinitrotoluene	14.927	165	1055820	41.684	ng		98
58) Fluorene	15.598	166	3378280	41.311	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.174	232	868094	43.017	ng		95
60) Diethylphthalate	15.386	149	3757862	41.395	ng		98
61) 4-Chlorophenyl-phenyle...	15.598	204	1576120	39.776	ng		95
62) 4-Nitroaniline	15.633	138	802520	38.279	ng		98
63) Azobenzene	15.892	77	3775662	44.330	ng		98
65) 4,6-Dinitro-2-methylph...	15.686	198	537328	44.076	ng		97
66) n-Nitrosodiphenylamine	15.816	169	3006675	48.373	ng		100
67) 4-Bromophenyl-phenylether	16.498	248	924237	45.693	ng		98
68) Hexachlorobenzene	16.592	284	1028250	41.499	ng		92
69) Atrazine	16.780	200	919195	54.616	ng		98
70) Pentachlorophenol	16.945	266	1325361	82.225	ng		99
71) Phenanthrene	17.345	178	4901710	45.372	ng		100
72) Anthracene	17.433	178	4933204	46.125	ng		99
73) Carbazole	17.710	167	4395341	42.257	ng		99
74) Di-n-butylphthalate	18.286	149	5942373	43.953	ng		100
75) Fluoranthene	19.362	202	4768361	39.293	ng		99
77) Benzidine	19.562	184	915067	47.507	ng		99
78) Pyrene	19.727	202	4898189	51.312	ng		100
80) Butylbenzylphthalate	20.651	149	2199309	51.832	ng		100
81) Benzo(a)anthracene	21.486	228	3981815	46.184	ng		99
82) 3,3'-Dichlorobenzidine	21.427	252	892751	31.559	ng		100
83) Chrysene	21.539	228	3626854	44.526	ng		100
84) Bis(2-ethylhexyl)phtha...	21.433	149	3160855	50.488	ng		98
85) Di-n-octyl phthalate	22.374	149	5162992	47.220	ng		99
87) Indeno(1,2,3-cd)pyrene	26.380	276	3765846	45.470	ng		98
88) Benzo(b)fluoranthene	23.168	252	3481342	47.593	ng		99
89) Benzo(k)fluoranthene	23.221	252	3380598	48.637	ng		99
90) Benzo(a)pyrene	23.791	252	2990188	46.800	ng		99
91) Dibenzo(a,h)anthracene	26.409	278	3150233	45.473	ng		98
92) Benzo(g,h,i)perylene	27.144	276	3044069	43.327	ng		98

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

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