Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041908.D
Acq On : 19 Sep 2023 17:07
Operator : MA/JU
Sample : PB155456BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB155456BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Quant Time: Sep 19 17:39:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	322810	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1358380	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	804097	20.000	ng	0.00
64) Phenanthrene-d10	17.363	188	1615970	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1307135	20.000	ng	0.00
86) Perylene-d12	23.956	264	1280765	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	3236997	167.019	ng	0.00
7) Phenol-d6	7.116	99	4206919	156.334	ng	0.00
23) Nitrobenzene-d5	9.163	82	2616941	98.089	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	1505457	150.055	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5433188	99.175	ng	0.00
79) Terphenyl-d14	19.974	244	7586695	105.709	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	313354	39.639	ng	98
3) Pyridine	3.816	79	888607	36.185	ng	100
4) n-Nitrosodimethylamine	3.740	42	583602	49.996	ng	95
6) Aniline	7.304	93	1452110	40.730	ng	100
8) 2-Chlorophenol	7.522	128	1223851	56.719	ng	98
9) Benzaldehyde	7.122	77	386530	25.407	ng	99
10) Phenol	7.146	94	1572744	56.938	ng	100
11) bis(2-Chloroethyl)ether	7.399	93	1180285	51.226	ng	99
12) 1,3-Dichlorobenzene	7.846	146	1208063	52.434	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1236983	52.839	ng	99
14) 1,2-Dichlorobenzene	8.316	146	1199925	53.323	ng	100
15) Benzyl Alcohol	8.216	79	1126685	53.034	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.493	45	1790184	50.803	ng	98
17) 2-Methylphenol	8.398	107	1026635	51.114	ng	99
18) Hexachloroethane	9.034	117	457225	51.960	ng	99
19) n-Nitroso-di-n-propyla...	8.781	70	969194	48.451	ng	99
20) 3+4-Methylphenols	8.734	107	1391057	50.457	ng	99
22) Acetophenone	8.810	105	1738471	51.196	ng	100
24) Nitrobenzene	9.204	77	1367826	51.653	ng	100
25) Isophorone	9.716	82	2570535	48.816	ng	99
26) 2-Nitrophenol	9.904	139	643975	53.993	ng	99
27) 2,4-Dimethylphenol	9.934	122	1120451	52.235	ng	98
28) bis(2-Chloroethoxy)met...	10.192	93	1576028	51.209	ng	99
29) 2,4-Dichlorophenol	10.422	162	1156525	55.714	ng	99
30) 1,2,4-Trichlorobenzene	10.634	180	1125223	52.796	ng	100
31) Naphthalene	10.834	128	3470747	50.752	ng	100
32) Benzoic acid	10.098	122	888879	52.594	ng	98
33) 4-Chloroaniline	10.963	127	830002	27.117	ng	99
34) Hexachlorobutadiene	11.063	225	664894	51.076	ng	99
35) Caprolactam	11.804	113	362132m	48.811	ng	
36) 4-Chloro-3-methylphenol	12.057	107	1214176	52.484	ng	99
37) 2-Methylnaphthalene	12.439	142	2392181	47.576	ng	99
38) 1-Methylnaphthalene	12.657	142	2299966	48.704	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1234243	52.927	ng	100
41) Hexachlorocyclopentadiene	12.739	237	1569886	119.726	ng	99
43) 2,4,6-Trichlorophenol	13.039	196	883571	55.676	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	952086	51.261	ng	98
46) 1,1'-Biphenyl	13.445	154	3099797	52.249	ng	99
47) 2-Chloronaphthalene	13.498	162	2355661	54.522	ng	99
48) 2-Nitroaniline	13.727	65	816621	52.895	ng	99
49) Acenaphthylene	14.345	152	3837789	53.524	ng	100
50) Dimethylphthalate	14.075	163	3007334	50.589	ng	100
51) 2,6-Dinitrotoluene	14.216	165	661978	52.547	ng	97
52) Acenaphthene	14.680	154	2219470	51.465	ng	100
53) 3-Nitroaniline	14.551	138	537479	38.118	ng	97
54) 2,4-Dinitrophenol	14.757	184	842390	107.067	ng	98
55) Dibenzofuran	15.016	168	3530773	50.719	ng	99
56) 4-Nitrophenol	14.845	139	1169269	104.559	ng	96
57) 2,4-Dinitrotoluene	14.998	165	868952	52.135	ng	99
58) Fluorene	15.663	166	2768958	50.452	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	811442	53.228	ng	100
60) Diethylphthalate	15.427	149	2940013	49.719	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1457937	50.636	ng	97
62) 4-Nitroaniline	15.721	138	638813	47.113	ng	98
63) Azobenzene	15.945	77	3043978	50.777	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	504540	54.372	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2461592	53.935	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	886405	53.229	ng	98
68) Hexachlorobenzene	16.633	284	996835	56.537	ng	97
69) Atrazine	16.821	200	863776	60.691	ng	99
70) Pentachlorophenol	16.992	266	1210958	90.903	ng	99
71) Phenanthrene	17.410	178	4284535	53.163	ng	100
72) Anthracene	17.498	178	4344877	52.848	ng	100
73) Carbazole	17.780	167	3965107	52.598	ng	100
74) Di-n-butylphthalate	18.304	149	5013242	51.801	ng	100
75) Fluoranthene	19.415	202	4844598	51.203	ng	98
77) Benzidine	19.621	184	1709519	64.072	ng	100
78) Pyrene	19.786	202	4982145	54.777	ng	100
80) Butylbenzylphthalate	20.656	149	2115018	52.284	ng	98
81) Benzo(a)anthracene	21.521	228	4528646	53.121	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1403161	46.736	ng	99
83) Chrysene	21.580	228	4097092	51.273	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3085736	51.419	ng	100
85) Di-n-octyl phthalate	22.333	149	5226339	51.737	ng	100
87) Indeno(1,2,3-cd)pyrene	26.480	276	4355085	56.951	ng	100
88) Benzo(b)fluoranthene	23.215	252	4280196	57.241	ng	100
89) Benzo(k)fluoranthene	23.268	252	4044411	54.735	ng	99
90) Benzo(a)pyrene	23.850	252	3638570	51.858	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	3662489	57.450	ng	99
92) Benzo(g,h,i)perylene	27.256	276	3483412	57.187	ng	98

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

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