Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041909.D
Acq On : 19 Sep 2023 17:44
Operator : MA/JU
Sample : PB155456BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB155456BSD

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

Quant Time: Sep 19 18:51:05 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	328179	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1372914	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	819451	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	1648669	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1325698	20.000	ng		0.00
86) Perylene-d12	23.956	264	1315889	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	3255268	165.214	ng		0.00
7) Phenol-d6	7.116	99	4239033	154.950	ng		0.00
23) Nitrobenzene-d5	9.163	82	2649656	98.264	ng		0.00
42) 2,4,6-Tribromophenol	16.109	330	1540150	150.636	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	5482794	98.206	ng		0.00
79) Terphenyl-d14	19.974	244	7670683	105.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	315256	39.227	ng		98
3) Pyridine	3.816	79	896651	35.915	ng		99
4) n-Nitrosodimethylamine	3.746	42	588067	49.555	ng		99
6) Aniline	7.304	93	1472751	40.633	ng		99
8) 2-Chlorophenol	7.522	128	1241941	56.615	ng		98
9) Benzaldehyde	7.122	77	387472	25.053	ng		97
10) Phenol	7.145	94	1577336	56.170	ng		100
11) bis(2-Chloroethyl)ether	7.398	93	1193112	50.936	ng		99
12) 1,3-Dichlorobenzene	7.845	146	1220421	52.104	ng		99
13) 1,4-Dichlorobenzene	8.004	146	1243895	52.265	ng		100
14) 1,2-Dichlorobenzene	8.316	146	1213504	53.044	ng		99
15) Benzyl Alcohol	8.216	79	1138925	52.733	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1811881	50.577	ng		99
17) 2-Methylphenol	8.398	107	1041758	51.018	ng		99
18) Hexachloroethane	9.033	117	466376	52.133	ng		100
19) n-Nitroso-di-n-propyla...	8.781	70	980548	48.216	ng		99
20) 3+4-Methylphenols	8.733	107	1418016	50.593	ng		100
22) Acetophenone	8.810	105	1768136	51.518	ng	#	100
24) Nitrobenzene	9.204	77	1385152	51.754	ng		100
25) Isophorone	9.716	82	2612134	49.081	ng		100
26) 2-Nitrophenol	9.904	139	654819	54.321	ng		99
27) 2,4-Dimethylphenol	9.939	122	1132183	52.223	ng		100
28) bis(2-Chloroethoxy)met...	10.192	93	1604500	51.583	ng		100
29) 2,4-Dichlorophenol	10.422	162	1177104	56.105	ng		98
30) 1,2,4-Trichlorobenzene	10.633	180	1145161	53.163	ng		99
31) Naphthalene	10.833	128	3511140	50.800	ng		100
32) Benzoic acid	10.104	122	911725	53.375	ng		99
33) 4-Chloroaniline	10.963	127	867707	28.049	ng		99
34) Hexachlorobutadiene	11.063	225	684408	52.019	ng		99
35) Caprolactam	11.804	113	366532m	48.881	ng		
36) 4-Chloro-3-methylphenol	12.057	107	1232310	52.704	ng		100
37) 2-Methylnaphthalene	12.439	142	2430338	47.823	ng		99
38) 1-Methylnaphthalene	12.657	142	2332770	48.876	ng		99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1263296	53.158	ng		100
41) Hexachlorocyclopentadiene	12.739	237	1578531	118.130	ng		100
43) 2,4,6-Trichlorophenol	13.039	196	907631	56.120	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	979813	51.766	ng	98
46) 1,1'-Biphenyl	13.445	154	3140990	51.951	ng	100
47) 2-Chloronaphthalene	13.498	162	2403945	54.597	ng	99
48) 2-Nitroaniline	13.727	65	825535	52.471	ng	99
49) Acenaphthylene	14.345	152	3863115	52.868	ng	100
50) Dimethylphthalate	14.074	163	3060011	50.511	ng	100
51) 2,6-Dinitrotoluene	14.215	165	669699	52.164	ng	99
52) Acenaphthene	14.680	154	2254793	51.304	ng	99
53) 3-Nitroaniline	14.557	138	549189	38.219	ng	98
54) 2,4-Dinitrophenol	14.757	184	867450	108.187	ng	99
55) Dibenzofuran	15.015	168	3564641	50.246	ng	99
56) 4-Nitrophenol	14.845	139	1193833	104.755	ng	96
57) 2,4-Dinitrotoluene	14.998	165	882214	51.939	ng	98
58) Fluorene	15.662	166	2836539	50.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	828656	53.338	ng	100
60) Diethylphthalate	15.427	149	2975356	49.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1483765	50.567	ng	97
62) 4-Nitroaniline	15.721	138	648223	46.911	ng	98
63) Azobenzene	15.945	77	3095492	50.669	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	519678	54.892	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2508138	53.865	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	910145	53.571	ng	97
68) Hexachlorobenzene	16.633	284	1023218	56.883	ng	97
69) Atrazine	16.821	200	879205	60.550	ng	99
70) Pentachlorophenol	16.992	266	1240124	91.246	ng	99
71) Phenanthrene	17.409	178	4363399	53.068	ng	99
72) Anthracene	17.503	178	4429664	52.811	ng	100
73) Carbazole	17.780	167	4036936	52.489	ng	99
74) Di-n-butylphthalate	18.303	149	5102572	51.678	ng	100
75) Fluoranthene	19.421	202	4937966	51.154	ng	100
77) Benzidine	19.621	184	1714987	63.377	ng	100
78) Pyrene	19.786	202	5083697	55.111	ng	100
80) Butylbenzylphthalate	20.656	149	2159561	52.638	ng	98
81) Benzo(a)anthracene	21.521	228	4626093	53.504	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1493347	49.043	ng	98
83) Chrysene	21.580	228	4198586	51.807	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3127787	51.390	ng	99
85) Di-n-octyl phthalate	22.333	149	5323331	51.960	ng	100
87) Indeno(1,2,3-cd)pyrene	26.474	276	4427319	56.350	ng	100
88) Benzo(b)fluoranthene	23.215	252	4393708	57.191	ng	100
89) Benzo(k)fluoranthene	23.262	252	4124655	54.331	ng	100
90) Benzo(a)pyrene	23.850	252	3711273	51.482	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	3743900	57.159	ng	99
92) Benzo(g,h,i)perylene	27.256	276	3568703	57.023	ng	100

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

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