Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036153.D
Acq On : 08 Aug 2022 20:34
Operator : CG/JU
Sample : N4091-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PSC-124042MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Quant Time: Aug 08 23:40:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 08 23:36:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	282575	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	1133910	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	610347	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1135370	20.000	ng		0.00
76) Chrysene-d12	21.415	240	1172439	20.000	ng		0.00
86) Perylene-d12	23.768	264	1320420	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2054978	117.903	ng		0.00
7) Phenol-d6	7.057	99	2500061	112.729	ng		0.00
23) Nitrobenzene-d5	9.016	82	1497472	73.925	ng		0.00
42) 2,4,6-Tribromophenol	15.980	330	764936	106.832	ng		0.00
45) 2-Fluorobiphenyl	13.116	172	2788960	67.467	ng		0.00
79) Terphenyl-d14	19.856	244	3422047	57.571	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	291170	41.458	ng		92
3) Pyridine	3.687	79	798321	42.389	ng		90
4) n-Nitrosodimethylamine	3.599	42	361077	46.656	ng	#	66
6) Aniline	7.181	93	1121517	45.666	ng		95
8) 2-Chlorophenol	7.422	128	884817	47.614	ng		96
9) Benzaldehyde	6.987	77	555636	47.325	ng		94
10) Phenol	7.081	94	1058077	47.383	ng		92
11) bis(2-Chloroethyl)ether	7.275	93	835709	45.431	ng		95
12) 1,3-Dichlorobenzene	7.734	146	972993	47.249	ng		97
13) 1,4-Dichlorobenzene	7.881	146	994413	47.352	ng		99
14) 1,2-Dichlorobenzene	8.198	146	953576	47.060	ng		99
15) Benzyl Alcohol	8.104	79	703797m	47.291	ng		
16) 2,2'-oxybis(1-Chloropr...	8.387	45	1117667	45.693	ng		96
17) 2-Methylphenol	8.328	107	686033	46.410	ng		95
18) Hexachloroethane	8.922	117	368857	48.792	ng		96
19) n-Nitroso-di-n-propyla...	8.663	70	590973	43.870	ng		89
20) 3+4-Methylphenols	8.657	107	910649	45.344	ng		95
22) Acetophenone	8.681	105	1249751	46.560	ng	#	93
24) Nitrobenzene	9.063	77	910310	47.802	ng		97
25) Isophorone	9.586	82	1612900	48.945	ng		98
26) 2-Nitrophenol	9.769	139	453224	50.459	ng		92
27) 2,4-Dimethylphenol	9.851	122	742885	53.392	ng		99
28) bis(2-Chloroethoxy)met...	10.069	93	1031228	43.924	ng		99
29) 2,4-Dichlorophenol	10.322	162	738938	47.225	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	792060	44.669	ng		98
31) Naphthalene	10.704	128	2592200	45.981	ng		100
32) Benzoic acid	10.028	122	549599	49.830	ng		93
33) 4-Chloroaniline	10.828	127	802352	35.315	ng		95
34) Hexachlorobutadiene	10.980	225	480298	46.096	ng		98
35) Caprolactam	11.633	113	215514	44.716	ng		91
36) 4-Chloro-3-methylphenol	11.975	107	741563	45.089	ng		98
37) 2-Methylnaphthalene	12.316	142	1693439	45.140	ng		98
38) 1-Methylnaphthalene	12.533	142	1607815	43.764	ng		99
40) 1,2,4,5-Tetrachloroben...	12.680	216	807962	48.828	ng		99
41) Hexachlorocyclopentadiene	12.651	237	979230	111.735	ng		99
43) 2,4,6-Trichlorophenol	12.933	196	541963	48.133	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	575991	48.460	ng		98
46) 1,1'-Biphenyl	13.327	154	2119875	47.659	ng		99
47) 2-Chloronaphthalene	13.369	162	1607472	47.218	ng		98
48) 2-Nitroaniline	13.586	65	463599	49.970	ng		92
49) Acenaphthylene	14.210	152	2527740	48.034	ng		100
50) Dimethylphthalate	13.957	163	1835900	44.232	ng		100
51) 2,6-Dinitrotoluene	14.080	165	402272	48.305	ng		91
52) Acenaphthene	14.551	154	1780696m	51.728	ng		
53) 3-Nitroaniline	14.416	138	367725	37.847	ng		95
54) 2,4-Dinitrophenol	14.616	184	444227	100.803	ng		92
55) Dibenzofuran	14.886	168	2309874	44.809	ng		98
56) 4-Nitrophenol	14.763	139	789408	101.528	ng		83
57) 2,4-Dinitrotoluene	14.863	165	540570	49.524	ng		98
58) Fluorene	15.533	166	1846832	45.418	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.121	232	454944	45.185	ng		97
60) Diethylphthalate	15.316	149	1846666	43.294	ng		100
61) 4-Chlorophenyl-phenyle...	15.533	204	870540	42.934	ng		96
62) 4-Nitroaniline	15.580	138	454553m	45.476	ng		
63) Azobenzene	15.821	77	1769798	43.646	ng		94
65) 4,6-Dinitro-2-methylph...	15.621	198	263703	45.425	ng		95
66) n-Nitrosodiphenylamine	15.751	169	1536107	47.927	ng		100
67) 4-Bromophenyl-phenylether	16.421	248	519911	45.780	ng		97
68) Hexachlorobenzene	16.533	284	619210	47.520	ng		91
69) Atrazine	16.704	200	512378	57.132	ng		98
70) Pentachlorophenol	16.886	266	759042	99.462	ng		99
71) Phenanthrene	17.274	178	2731350	47.220	ng		99
72) Anthracene	17.362	178	2745727	49.031	ng		99
73) Carbazole	17.645	167	2616685	46.117	ng		99
74) Di-n-butylphthalate	18.204	149	3106955	45.870	ng		99
75) Fluoranthene	19.286	202	3133682	48.398	ng		98
77) Benzidine	19.486	184	2357233	134.062	ng		99
78) Pyrene	19.651	202	3245059	44.635	ng		99
80) Butylbenzylphthalate	20.550	149	1458863	46.492	ng		100
81) Benzo(a)anthracene	21.397	228	3371086	46.681	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	1287504	73.424	ng		99
83) Chrysene	21.450	228	3160246	46.036	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	2141148	45.229	ng		98
85) Di-n-octyl phthalate	22.239	149	3808169	49.291	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.227	276	4270114	46.018	ng		99
88) Benzo(b)fluoranthene	23.050	252	3669098	47.427	ng		98
89) Benzo(k)fluoranthene	23.103	252	3631806	46.480	ng		99
90) Benzo(a)pyrene	23.668	252	3290435	50.693	ng		98
91) Dibenzo(a,h)anthracene	26.238	278	3734198	48.076	ng		99
92) Benzo(g,h,i)perylene	26.979	276	3685860	49.018	ng		99

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

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