Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039422.D
Acq On : 13 Apr 2023 22:06
Operator : CG/JU
Sample : 02320-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E9074-BAYS-001MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2023
Supervised By :Jagrut Upadhyay 04/14/2023

Quant Time: Apr 14 05:18:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 11 16:05:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.857	152	210372	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	872053	20.000	ng		-0.01
39) Acenaphthene-d10	14.515	164	516603	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1031382	20.000	ng		0.00
76) Chrysene-d12	21.456	240	872703	20.000	ng		0.00
86) Perylene-d12	23.838	264	960881	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	1735553	124.294	ng		0.02
7) Phenol-d6	7.063	99	2330332	129.029	ng		0.03
23) Nitrobenzene-d5	9.028	82	1409119	78.535	ng		0.00
42) 2,4,6-Tribromophenol	16.009	330	784518	119.632	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	2837112	74.410	ng		0.00
79) Terphenyl-d14	19.892	244	3837419	81.240	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	221114	38.741	ng		96
3) Pyridine	3.687	79	557736	34.882	ng		96
4) n-Nitrosodimethylamine	3.599	42	294655	46.923	ng		92
6) Aniline	7.187	93	892500	39.927	ng		98
8) 2-Chlorophenol	7.428	128	755848	52.887	ng		97
9) Benzaldehyde	6.998	77	462958	45.012	ng		98
10) Phenol	7.092	94	1004503	55.500	ng		100
11) bis(2-Chloroethyl)ether	7.287	93	760176	52.208	ng		99
12) 1,3-Dichlorobenzene	7.739	146	782191	51.608	ng		99
13) 1,4-Dichlorobenzene	7.892	146	791731	51.661	ng		99
14) 1,2-Dichlorobenzene	8.204	146	773406	52.777	ng		99
15) Benzyl Alcohol	8.116	79	672108	54.106	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1001907m	53.797	ng		
17) 2-Methylphenol	8.334	107	646642	51.066	ng		99
18) Hexachloroethane	8.933	117	298213	50.304	ng		98
19) n-Nitroso-di-n-propyla...	8.675	70	575558	49.853	ng		98
20) 3+4-Methylphenols	8.669	107	875795	51.470	ng		93
22) Acetophenone	8.692	105	1185686	50.852	ng	#	98
24) Nitrobenzene	9.069	77	849072	47.576	ng		98
25) Isophorone	9.598	82	1612796	48.182	ng		99
26) 2-Nitrophenol	9.786	139	410838	49.799	ng		96
27) 2,4-Dimethylphenol	9.863	122	720501	52.563	ng		98
28) bis(2-Chloroethoxy)met...	10.080	93	976729	48.203	ng		100
29) 2,4-Dichlorophenol	10.333	162	705815	52.775	ng		99
30) 1,2,4-Trichlorobenzene	10.527	180	730676	51.068	ng		98
31) Naphthalene	10.716	128	2316028	49.288	ng		99
32) Benzoic acid	10.051	122	579905	54.280	ng		94
33) 4-Chloroaniline	10.845	127	732282	35.571	ng		99
34) Hexachlorobutadiene	10.992	225	418612	49.757	ng		100
35) Caprolactam	11.657	113	237523m	51.150	ng		
36) 4-Chloro-3-methylphenol	11.992	107	793928	53.805	ng		95
37) 2-Methylnaphthalene	12.333	142	1579466	48.285	ng		100
38) 1-Methylnaphthalene	12.551	142	1488069	48.583	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	788731	50.146	ng		99
41) Hexachlorocyclopentadiene	12.669	237	491632	57.214	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	551620	51.425	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.039	196	597065	47.480	ng	99
46) 1,1'-Biphenyl	13.345	154	2033718	49.852	ng	99
47) 2-Chloronaphthalene	13.386	162	1557488	50.423	ng	99
48) 2-Nitroaniline	13.610	65	505908	48.670	ng	100
49) Acenaphthylene	14.233	152	2481797	48.886	ng	99
50) Dimethylphthalate	13.980	163	1878222	47.176	ng	100
51) 2,6-Dinitrotoluene	14.104	165	413282	48.271	ng	97
52) Acenaphthene	14.580	154	1484212	49.512	ng	99
53) 3-Nitroaniline	14.439	138	405983	41.018	ng	94
54) 2,4-Dinitrophenol	14.645	184	264743	52.215	ng	98
55) Dibenzofuran	14.915	168	2324313	48.161	ng	99
56) 4-Nitrophenol	14.786	139	729741	95.612	ng	96
57) 2,4-Dinitrotoluene	14.892	165	562399	48.559	ng	92
58) Fluorene	15.562	166	1852427	48.472	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.151	232	507122	50.692	ng	99
60) Diethylphthalate	15.339	149	1901971	47.463	ng	99
61) 4-Chlorophenyl-phenyle...	15.557	204	894228	47.214	ng	99
62) 4-Nitroaniline	15.610	138	420781m	41.428	ng	
63) Azobenzene	15.851	77	2011342	50.098	ng	99
65) 4,6-Dinitro-2-methylph...	15.657	198	189215	27.886	ng	98
66) n-Nitrosodiphenylamine	15.780	169	1575415	48.473	ng	99
67) 4-Bromophenyl-phenylether	16.451	248	539331	48.965	ng	98
68) Hexachlorobenzene	16.568	284	612797	51.310	ng	98
69) Atrazine	16.739	200	536265	52.096	ng	100
70) Pentachlorophenol	16.921	266	816360	95.274	ng	99
71) Phenanthrene	17.309	178	2808749	49.724	ng	100
72) Anthracene	17.404	178	2847133	49.431	ng	99
73) Carbazole	17.680	167	2646477	49.171	ng	100
74) Di-n-butylphthalate	18.233	149	3418903	51.352	ng	100
75) Fluoranthene	19.327	202	3236436	50.262	ng	99
77) Benzidine	19.527	184	804129	34.934	ng	99
78) Pyrene	19.692	202	3389151	54.552	ng	99
80) Butylbenzylphthalate	20.586	149	1537476	54.018	ng	97
81) Benzo(a)anthracene	21.439	228	3094436	50.276	ng	100
82) 3,3'-Dichlorobenzidine	21.380	252	1094198	53.367	ng	99
83) Chrysene	21.491	228	2884890	48.553	ng	99
84) Bis(2-ethylhexyl)phtha...	21.362	149	2915978	69.368	ng	100
85) Di-n-octyl phthalate	22.280	149	3799881	50.173	ng	100
87) Indeno(1,2,3-cd)pyrene	26.321	276	3454250	48.791	ng	99
88) Benzo(b)fluoranthene	23.115	252	3119247	53.054	ng	99
89) Benzo(k)fluoranthene	23.162	252	2989135	49.912	ng	99
90) Benzo(a)pyrene	23.733	252	2734106	47.338	ng	100
91) Dibenzo(a,h)anthracene	26.338	278	2853200	47.995	ng	99
92) Benzo(g,h,i)perylene	27.085	276	2809241	48.052	ng	99

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

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