Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039236.D
Acq On : 30 Mar 2023 20:59
Operator : CG/JU
Sample : 02117-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
NB-8-032823MS

Quant Time: Mar 31 02:42:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	242046	20.000	ng		0.00
21) Naphthalene-d8	10.733	136	929161	20.000	ng		0.00
39) Acenaphthene-d10	14.569	164	482287	20.000	ng		0.00
64) Phenanthrene-d10	17.315	188	874014	20.000	ng		0.00
76) Chrysene-d12	21.503	240	690340	20.000	ng		0.00
86) Perylene-d12	23.915	264	933256	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	1637099	101.900	ng		0.00
7) Phenol-d6	7.093	99	2032748	97.824	ng		0.00
23) Nitrobenzene-d5	9.092	82	1277631	66.830	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	575970	94.079	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	2464246	69.229	ng		0.00
79) Terphenyl-d14	19.939	244	2623406	70.210	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	281479	42.864	ng		98
3) Pyridine	3.757	79	716639	38.955	ng		99
4) n-Nitrosodimethylamine	3.669	42	326236	45.154	ng		100
6) Aniline	7.251	93	514701	20.013	ng		98
8) 2-Chlorophenol	7.487	128	792281	48.182	ng		100
9) Benzaldehyde	7.057	77	503752	42.569	ng		99
10) Phenol	7.122	94	994974	47.780	ng		99
11) bis(2-Chloroethyl)ether	7.345	93	798651	47.673	ng		100
12) 1,3-Dichlorobenzene	7.810	146	868414	49.799	ng		99
13) 1,4-Dichlorobenzene	7.957	146	878988	49.849	ng		99
14) 1,2-Dichlorobenzene	8.275	146	837275	49.658	ng		99
15) Benzyl Alcohol	8.169	79	674308	47.180	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1034095	48.259	ng		99
17) 2-Methylphenol	8.375	107	639735	43.910	ng		99
18) Hexachloroethane	9.004	117	343331	50.336	ng		98
19) n-Nitroso-di-n-propyla...	8.740	70	589016	44.343	ng		99
20) 3+4-Methylphenols	8.704	107	855801	43.713	ng		98
22) Acetophenone	8.757	105	1179066	47.460	ng	#	98
24) Nitrobenzene	9.134	77	870164	45.761	ng		100
25) Isophorone	9.663	82	1586938	44.496	ng		100
26) 2-Nitrophenol	9.845	139	416572	47.391	ng		99
27) 2,4-Dimethylphenol	9.910	122	695380	47.613	ng		99
28) bis(2-Chloroethoxy)met...	10.145	93	1008309	46.704	ng		100
29) 2,4-Dichlorophenol	10.386	162	671159	47.100	ng		100
30) 1,2,4-Trichlorobenzene	10.598	180	743721	48.785	ng		99
31) Naphthalene	10.786	128	2306537	46.069	ng		100
32) Benzoic acid	10.057	122	508037	44.631	ng		99
33) 4-Chloroaniline	10.904	127	176149	8.031	ng		99
34) Hexachlorobutadiene	11.069	225	437754	48.834	ng		100
35) Caprolactam	11.698	113	200015	40.425	ng		99
36) 4-Chloro-3-methylphenol	12.028	107	686507	43.666	ng		98
37) 2-Methylnaphthalene	12.392	142	1506683	43.229	ng		100
38) 1-Methylnaphthalene	12.616	142	1391537	42.639	ng		100
40) 1,2,4,5-Tetrachloroben...	12.763	216	766410	52.194	ng		99
41) Hexachlorocyclopentadiene	12.739	237	808190	100.747	ng		99
43) 2,4,6-Trichlorophenol	13.004	196	496113	49.541	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	525487	44.761	ng	99
46) 1,1'-Biphenyl	13.404	154	1912559	50.218	ng	100
47) 2-Chloronaphthalene	13.445	162	1447555	50.198	ng	99
48) 2-Nitroaniline	13.657	65	432212	44.539	ng	98
49) Acenaphthylene	14.292	152	2202846	46.479	ng	99
50) Dimethylphthalate	14.033	163	1684458	45.320	ng	99
51) 2,6-Dinitrotoluene	14.151	165	364198	45.565	ng	98
52) Acenaphthene	14.633	154	1304280	46.605	ng	99
53) 3-Nitroaniline	14.480	138	222035	24.029	ng	97
54) 2,4-Dinitrophenol	14.686	184	415264	87.729	ng	99
55) Dibenzofuran	14.969	168	2036371	45.197	ng	99
56) 4-Nitrophenol	14.792	139	647942	90.935	ng	98
57) 2,4-Dinitrotoluene	14.939	165	475884	44.012	ng	97
58) Fluorene	15.616	166	1601686	44.893	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.198	232	421453	45.126	ng	100
60) Diethylphthalate	15.392	149	1655441	44.250	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	802597	45.391	ng	99
62) 4-Nitroaniline	15.645	138	356234	37.569	ng	99
63) Azobenzene	15.904	77	1692382	45.153	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	256082	44.536	ng	100
66) n-Nitrosodiphenylamine	15.827	169	1348791	48.973	ng	100
67) 4-Bromophenyl-phenylether	16.504	248	467462	50.082	ng	98
68) Hexachlorobenzene	16.621	284	513508	50.738	ng	99
69) Atrazine	16.780	200	430610	49.364	ng	99
70) Pentachlorophenol	16.968	266	643275	88.591	ng	99
71) Phenanthrene	17.357	178	2246060	46.922	ng	100
72) Anthracene	17.451	178	2271352	46.535	ng	100
73) Carbazole	17.721	167	2054273	45.041	ng	100
74) Di-n-butylphthalate	18.286	149	2693745	47.745	ng	99
75) Fluoranthene	19.374	202	2305567	42.253	ng	100
77) Benzidine	19.562	184	837901	46.017	ng	100
78) Pyrene	19.739	202	2387473	48.580	ng	99
80) Butylbenzylphthalate	20.633	149	1071675	47.599	ng	98
81) Benzo(a)anthracene	21.486	228	2311764	47.482	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	607451	37.453	ng	100
83) Chrysene	21.539	228	2195820	46.719	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1582123	47.580	ng	100
85) Di-n-octyl phthalate	22.339	149	2846190	47.508	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	3485689	50.692	ng	100
88) Benzo(b)fluoranthene	23.180	252	2692259	47.147	ng	100
89) Benzo(k)fluoranthene	23.227	252	2678646	46.052	ng	98
90) Benzo(a)pyrene	23.809	252	2491055	44.406	ng	100
91) Dibenzo(a,h)anthracene	26.450	278	2898399	50.199	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2870101	50.546	ng	99

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

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