Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040197.D
Acq On : 09 Jun 2023 18:32
Operator : MA/JU
Sample : 03039-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB30BMS

Quant Time: Jun 10 04:43:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	315760	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1477776	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	936274	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	2059837	20.000	ng		0.00
76) Chrysene-d12	21.545	240	2140484	20.000	ng		0.00
86) Perylene-d12	23.980	264	2140716	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	2179807	103.078	ng		0.00
7) Phenol-d6	7.145	99	2855933	98.972	ng		0.00
23) Nitrobenzene-d5	9.157	82	1558333	57.076	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1467560	104.180	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	3858357	54.467	ng		0.00
79) Terphenyl-d14	19.986	244	7112056	61.250	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	282726	33.667	ng		97
3) Pyridine	3.805	79	786346	32.646	ng		98
4) n-Nitrosodimethylamine	3.710	42	362834	37.154	ng		96
6) Aniline	7.310	93	1241292	35.543	ng		97
8) 2-Chlorophenol	7.545	128	1083577	48.462	ng		97
9) Benzaldehyde	7.122	77	496604	32.318	ng		95
10) Phenol	7.175	94	1381496	48.679	ng		97
11) bis(2-Chloroethyl)ether	7.404	93	948458	41.470	ng		97
12) 1,3-Dichlorobenzene	7.875	146	1018492	45.311	ng		98
13) 1,4-Dichlorobenzene	8.022	146	1036670	45.136	ng		99
14) 1,2-Dichlorobenzene	8.340	146	1014748	44.894	ng		99
15) Benzyl Alcohol	8.228	79	877085	46.057	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1188781	40.772	ng		99
17) 2-Methylphenol	8.434	107	910795	45.042	ng		99
18) Hexachloroethane	9.075	117	369551	44.937	ng		95
19) n-Nitroso-di-n-propyla...	8.798	70	719239	41.025	ng		98
20) 3+4-Methylphenols	8.763	107	1258448	45.587	ng		98
22) Acetophenone	8.816	105	1562977	40.500	ng	#	97
24) Nitrobenzene	9.198	77	1071539	38.130	ng		95
25) Isophorone	9.728	82	2091907	40.574	ng		97
26) 2-Nitrophenol	9.910	139	561268	48.065	ng		95
27) 2,4-Dimethylphenol	9.969	122	1034223	45.268	ng		97
28) bis(2-Chloroethoxy)met...	10.210	93	1338657	40.219	ng		99
29) 2,4-Dichlorophenol	10.445	162	1044403	49.839	ng		98
30) 1,2,4-Trichlorobenzene	10.663	180	956150	45.044	ng		99
31) Naphthalene	10.851	128	3251454	40.849	ng		99
32) Benzoic acid	10.110	122	860939	48.871	ng		95
33) 4-Chloroaniline	10.963	127	925712	26.113	ng		97
34) Hexachlorobutadiene	11.139	225	500016	44.907	ng		97
35) Caprolactam	11.751	113	367231	51.030	ng		90
36) 4-Chloro-3-methylphenol	12.080	107	1133096	46.563	ng		95
37) 2-Methylnaphthalene	12.457	142	2309531	41.960	ng		99
38) 1-Methylnaphthalene	12.675	142	2174253	41.888	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	1088040	43.834	ng		98
41) Hexachlorocyclopentadiene	12.804	237	1094369	84.552	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	805291	47.300	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	900614	43.823	ng		95
46) 1,1'-Biphenyl	13.463	154	3121735	41.582	ng		99
47) 2-Chloronaphthalene	13.504	162	2395763	42.957	ng		98
48) 2-Nitroaniline	13.710	65	705147	42.168	ng		90
49) Acenaphthylene	14.351	152	3886277	42.028	ng		100
50) Dimethylphthalate	14.086	163	3029533	41.486	ng		99
51) 2,6-Dinitrotoluene	14.204	165	650279	44.431	ng		89
52) Acenaphthene	14.692	154	2369516	41.546	ng		99
53) 3-Nitroaniline	14.533	138	622821	34.109	ng		91
54) 2,4-Dinitrophenol	14.733	184	598727	65.800	ng	#	87
55) Dibenzofuran	15.021	168	3838550	43.025	ng		98
56) 4-Nitrophenol	14.839	139	1488766	100.665	ng		91
57) 2,4-Dinitrotoluene	14.986	165	940948	48.174	ng		88
58) Fluorene	15.674	166	3249778	43.517	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	805104	50.103	ng		93
60) Diethylphthalate	15.445	149	3249916	43.863	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	1556846	44.601	ng		99
62) 4-Nitroaniline	15.698	138	838090	43.086	ng		95
63) Azobenzene	15.957	77	3209310	44.550	ng		95
65) 4,6-Dinitro-2-methylph...	15.745	198	410068	35.492	ng		95
66) n-Nitrosodiphenylamine	15.880	169	2759879	40.907	ng		98
67) 4-Bromophenyl-phenylether	16.557	248	887920	42.920	ng		98
68) Hexachlorobenzene	16.674	284	1104221	46.539	ng		93
69) Atrazine	16.833	200	946912	51.356	ng		96
70) Pentachlorophenol	17.021	266	1529782	87.833	ng		99
71) Phenanthrene	17.410	178	4998317	41.646	ng		99
72) Anthracene	17.504	178	5063478	42.289	ng		99
73) Carbazole	17.774	167	4937766	43.235	ng		99
74) Di-n-butylphthalate	18.333	149	5866077	45.798	ng		99
75) Fluoranthene	19.421	202	5642467	44.302	ng		99
77) Benzidine	19.609	184	2089206	51.971	ng		99
78) Pyrene	19.786	202	6104970	42.772	ng		100
80) Butylbenzylphthalate	20.680	149	2780797	48.202	ng	#	90
81) Benzo(a)anthracene	21.533	228	6467717	44.310	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	2405650	49.590	ng		99
83) Chrysene	21.586	228	5828361	42.151	ng		99
84) Bis(2-ethylhexyl)phtha...	21.450	149	4271492	50.137	ng		97
85) Di-n-octyl phthalate	22.392	149	7415247	53.598	ng		97
87) Indeno(1,2,3-cd)pyrene	26.527	276	6310321	39.314	ng		98
88) Benzo(b)fluoranthene	23.244	252	6216520	47.948	ng		99
89) Benzo(k)fluoranthene	23.291	252	6423687	47.406	ng		98
90) Benzo(a)pyrene	23.874	252	5169313	41.750	ng		99
91) Dibenzo(a,h)anthracene	26.538	278	5423342	39.140	ng		99
92) Benzo(g,h,i)perylene	27.303	276	4508275	37.876	ng		98

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

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