Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040208.D
Acq On : 10 Jun 2023 03:04
Operator : MA/JU
Sample : 03047-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB32BMS

Quant Time: Jun 10 04:47:01 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	7.986	152	335415	20.000	ng		0.00
21) Naphthalene-d8	10.798	136	1558159	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	997445	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	2205610	20.000	ng	#	0.00
76) Chrysene-d12	21.544	240	2228914	20.000	ng		0.00
86) Perylene-d12	23.980	264	2170354	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1898933	84.534	ng		0.00
7) Phenol-d6	7.145	99	2560706	83.541	ng		0.00
23) Nitrobenzene-d5	9.157	82	1378135	47.872	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1330006	88.625	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	3552338	47.072	ng		0.00
79) Terphenyl-d14	19.980	244	6650033	54.998	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	292375	32.776	ng		98
3) Pyridine	3.804	79	805693	31.489	ng		96
4) n-Nitrosodimethylamine	3.710	42	364162	35.105	ng		95
6) Aniline	7.310	93	1402634	37.809	ng		98
8) 2-Chlorophenol	7.545	128	1124438	47.342	ng		97
9) Benzaldehyde	7.116	77	505724	30.983	ng		97
10) Phenol	7.175	94	1412627	46.859	ng		96
11) bis(2-Chloroethyl)ether	7.404	93	983590	40.486	ng		98
12) 1,3-Dichlorobenzene	7.875	146	1074978	45.021	ng		97
13) 1,4-Dichlorobenzene	8.022	146	1095230	44.892	ng		99
14) 1,2-Dichlorobenzene	8.339	146	1067133	44.445	ng		99
15) Benzyl Alcohol	8.228	79	879659	43.485	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.522	45	1222414	39.468	ng		98
17) 2-Methylphenol	8.433	107	936881	43.617	ng		98
18) Hexachloroethane	9.075	117	385331	44.110	ng		93
19) n-Nitroso-di-n-propyla...	8.798	70	740749	39.776	ng		97
20) 3+4-Methylphenols	8.757	107	1284038	43.788	ng		97
22) Acetophenone	8.816	105	1622949	39.884	ng	#	96
24) Nitrobenzene	9.198	77	1094846	36.949	ng		94
25) Isophorone	9.727	82	2092523	38.492	ng		96
26) 2-Nitrophenol	9.910	139	579023	47.027	ng		93
27) 2,4-Dimethylphenol	9.969	122	1098250	45.590	ng		98
28) bis(2-Chloroethoxy)met...	10.210	93	1389494	39.593	ng		99
29) 2,4-Dichlorophenol	10.445	162	1088746	49.275	ng		97
30) 1,2,4-Trichlorobenzene	10.663	180	1023249	45.718	ng		99
31) Naphthalene	10.851	128	3390324	40.397	ng		100
32) Benzoic acid	10.116	122	790768	43.542	ng		93
33) 4-Chloroaniline	10.963	127	1113412	29.788	ng		96
34) Hexachlorobutadiene	11.139	225	533293	45.425	ng		98
35) Caprolactam	11.751	113	356893	47.035	ng		88
36) 4-Chloro-3-methylphenol	12.080	107	1143223	44.556	ng		93
37) 2-Methylnaphthalene	12.457	142	2394510	41.259	ng		97
38) 1-Methylnaphthalene	12.674	142	2247215	41.060	ng		100
40) 1,2,4,5-Tetrachloroben...	12.821	216	1154663	43.665	ng		98
41) Hexachlorocyclopentadiene	12.804	237	1254794	91.001	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	841493	46.395	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.127	196	930960	42.522	ng		96
46) 1,1'-Biphenyl	13.463	154	3232407	40.416	ng		99
47) 2-Chloronaphthalene	13.504	162	2470100	41.574	ng		98
48) 2-Nitroaniline	13.710	65	686017	38.509	ng		86
49) Acenaphthylene	14.351	152	4044435	41.056	ng		100
50) Dimethylphthalate	14.086	163	3119610	40.100	ng		99
51) 2,6-Dinitrotoluene	14.204	165	672358	43.123	ng		86
52) Acenaphthene	14.692	154	2433680	40.054	ng		99
53) 3-Nitroaniline	14.533	138	678852	34.897	ng		90
54) 2,4-Dinitrophenol	14.733	184	744073	75.450	ng	#	84
55) Dibenzofuran	15.021	168	3991752	41.998	ng		97
56) 4-Nitrophenol	14.839	139	1475503	93.650	ng		88
57) 2,4-Dinitrotoluene	14.986	165	963310	46.295	ng	#	85
58) Fluorene	15.668	166	3323734	41.778	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.245	232	844196	49.314	ng		91
60) Diethylphthalate	15.445	149	3326769	42.146	ng		98
61) 4-Chlorophenyl-phenyle...	15.662	204	1625871	43.722	ng		96
62) 4-Nitroaniline	15.698	138	865621	41.772	ng		92
63) Azobenzene	15.956	77	3100350	40.398	ng		94
65) 4,6-Dinitro-2-methylph...	15.745	198	504016	40.740	ng		90
66) n-Nitrosodiphenylamine	15.880	169	2848438	39.430	ng		98
67) 4-Bromophenyl-phenylether	16.556	248	944031	42.616	ng		96
68) Hexachlorobenzene	16.674	284	1166679	45.922	ng	#	91
69) Atrazine	16.827	200	967893	49.024	ng		97
70) Pentachlorophenol	17.015	266	1600386	85.814	ng		99
71) Phenanthrene	17.409	178	5212271	40.558	ng		99
72) Anthracene	17.503	178	5237532	40.851	ng		99
73) Carbazole	17.774	167	5035922	41.180	ng		99
74) Di-n-butylphthalate	18.333	149	5933743	43.264	ng		99
75) Fluoranthene	19.421	202	5967558	43.758	ng		98
77) Benzidine	19.603	184	3250403	77.650	ng		100
78) Pyrene	19.786	202	6445523	43.367	ng		99
80) Butylbenzylphthalate	20.674	149	2744157	45.680	ng		91
81) Benzo(a)anthracene	21.527	228	6644611	43.716	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	2410888	47.727	ng		99
83) Chrysene	21.586	228	5988085	41.588	ng		100
84) Bis(2-ethylhexyl)phtha...	21.450	149	4066016	45.832	ng	#	96
85) Di-n-octyl phthalate	22.385	149	7082805	49.164	ng		96
87) Indeno(1,2,3-cd)pyrene	26.520	276	6223006	38.240	ng		97
88) Benzo(b)fluoranthene	23.238	252	6441161	49.003	ng		98
89) Benzo(k)fluoranthene	23.285	252	6290016	45.785	ng		99
90) Benzo(a)pyrene	23.874	252	5217090	41.561	ng		99
91) Dibenzo(a,h)anthracene	26.532	278	5335033	37.976	ng		98
92) Benzo(g,h,i)perylene	27.303	276	4511217	37.383	ng		97

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

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