Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039049.D
Acq On : 20 Mar 2023 18:02
Operator : CG/JU
Sample : 01965-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
COMP-1MS

Quant Time: Mar 21 01:46:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	330626	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1291751	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	681046	20.000	ng		0.00
64) Phenanthrene-d10	17.356	188	1261372	20.000	ng		0.00
76) Chrysene-d12	21.533	240	981824	20.000	ng		0.00
86) Perylene-d12	23.968	264	1198330	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2220151	102.020	ng		0.00
7) Phenol-d6	7.134	99	2923986	103.443	ng		0.00
23) Nitrobenzene-d5	9.139	82	1774603	67.482	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	709903	90.105	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	3419091	65.355	ng		0.00
79) Terphenyl-d14	19.974	244	3865095	71.975	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	403074	41.634	ng		99
3) Pyridine	3.798	79	1057470	39.384	ng		97
4) n-Nitrosodimethylamine	3.710	42	493317	45.150	ng		99
6) Aniline	7.298	93	956473	25.771	ng		99
8) 2-Chlorophenol	7.534	128	1098756	47.425	ng		100
9) Benzaldehyde	7.104	77	854059	63.494	ng		99
10) Phenol	7.163	94	1432022	47.706	ng		99
11) bis(2-Chloroethyl)ether	7.392	93	1100538	45.095	ng		98
12) 1,3-Dichlorobenzene	7.863	146	1161182	47.161	ng		99
13) 1,4-Dichlorobenzene	8.010	146	1188313	47.455	ng		100
14) 1,2-Dichlorobenzene	8.328	146	1131783	46.922	ng		99
15) Benzyl Alcohol	8.216	79	967398	47.749	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.504	45	1466135	47.568	ng		99
17) 2-Methylphenol	8.416	107	903027	43.793	ng		99
18) Hexachloroethane	9.057	117	449014	48.600	ng		99
19) n-Nitroso-di-n-propyla...	8.786	70	828596	46.540	ng		99
20) 3+4-Methylphenols	8.745	107	1187913	43.145	ng		99
22) Acetophenone	8.804	105	1625102	44.841	ng	#	99
24) Nitrobenzene	9.186	77	1217422	44.045	ng		99
25) Isophorone	9.716	82	2192045	45.297	ng		100
26) 2-Nitrophenol	9.898	139	557905	45.856	ng		97
27) 2,4-Dimethylphenol	9.957	122	983294	46.633	ng		99
28) bis(2-Chloroethoxy)met...	10.198	93	1388176	44.645	ng		100
29) 2,4-Dichlorophenol	10.433	162	915985	45.820	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	968088	44.315	ng		99
31) Naphthalene	10.839	128	3171786	43.061	ng		100
32) Benzoic acid	10.086	122	716370	46.507	ng		98
33) 4-Chloroaniline	10.945	127	229788	7.320	ng		98
34) Hexachlorobutadiene	11.122	225	544711	43.481	ng		99
35) Caprolactam	11.739	113	280676	46.131	ng		97
36) 4-Chloro-3-methylphenol	12.069	107	958955	45.048	ng		97
37) 2-Methylnaphthalene	12.445	142	2064079	41.809	ng		99
38) 1-Methylnaphthalene	12.663	142	1924105	41.588	ng		99
40) 1,2,4,5-Tetrachloroben...	12.810	216	996915	45.027	ng		99
41) Hexachlorocyclopentadiene	12.792	237	1287567	105.946	ng		99
43) 2,4,6-Trichlorophenol	13.045	196	667561	46.562	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	705568	42.044	ng	100
46) 1,1'-Biphenyl	13.451	154	2633734	45.648	ng	100
47) 2-Chloronaphthalene	13.492	162	1971137	45.306	ng	100
48) 2-Nitroaniline	13.698	65	619480	44.634	ng	98
49) Acenaphthylene	14.333	152	3080399	44.450	ng	100
50) Dimethylphthalate	14.074	163	2288349	43.666	ng	100
51) 2,6-Dinitrotoluene	14.192	165	492747	42.682	ng	99
52) Acenaphthene	14.674	154	1849600	43.428	ng	99
53) 3-Nitroaniline	14.515	138	201824	15.992	ng	98
54) 2,4-Dinitrophenol	14.721	184	590722	88.114	ng	97
55) Dibenzofuran	15.009	168	2828416	42.439	ng	99
56) 4-Nitrophenol	14.821	139	968497	93.053	ng	97
57) 2,4-Dinitrotoluene	14.974	165	657682	43.330	ng	99
58) Fluorene	15.657	166	2265656	43.398	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	578430	44.693	ng	99
60) Diethylphthalate	15.433	149	2302702	45.159	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1095571	42.717	ng	97
62) 4-Nitroaniline	15.680	138	523048	38.295	ng	99
63) Azobenzene	15.945	77	2567395	47.584	ng	100
65) 4,6-Dinitro-2-methylph...	15.733	198	357118	43.603	ng	99
66) n-Nitrosodiphenylamine	15.868	169	1909209	44.898	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	616766	45.270	ng	95
68) Hexachlorobenzene	16.662	284	689851	45.294	ng	98
69) Atrazine	16.821	200	606854	52.247	ng	99
70) Pentachlorophenol	17.003	266	928320	82.871	ng	99
71) Phenanthrene	17.398	178	3244774	43.830	ng	100
72) Anthracene	17.492	178	3286313	44.513	ng	100
73) Carbazole	17.762	167	3012769	44.714	ng	99
74) Di-n-butylphthalate	18.327	149	3864720	47.063	ng	99
75) Fluoranthene	19.409	202	3304559	42.277	ng	98
77) Benzidine	19.597	184	1390223	60.685	ng	98
78) Pyrene	19.774	202	3479607	47.186	ng	99
80) Butylbenzylphthalate	20.668	149	1572229	49.994	ng	96
81) Benzo(a)anthracene	21.521	228	3164267	44.752	ng	100
82) 3,3'-Dichlorobenzidine	21.450	252	824998	37.965	ng	99
83) Chrysene	21.574	228	2973140	43.235	ng	100
84) Bis(2-ethylhexyl)phtha...	21.444	149	2319432	50.997	ng	99
85) Di-n-octyl phthalate	22.386	149	3851895	50.945	ng	99
87) Indeno(1,2,3-cd)pyrene	26.509	276	4548421	49.882	ng	99
88) Benzo(b)fluoranthene	23.227	252	3361131	43.903	ng	99
89) Benzo(k)fluoranthene	23.280	252	3422389	42.955	ng	100
90) Benzo(a)pyrene	23.862	252	3136285	42.566	ng	99
91) Dibenzo(a,h)anthracene	26.526	278	3813963	49.390	ng	98
92) Benzo(g,h,i)perylene	27.291	276	3743828	49.554	ng	99

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

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