Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051823\
Data File : BM039947.D
Acq On : 18 May 2023 12:16
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 19 05:18:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:26:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	312946	20.000	ng		0.00
21) Naphthalene-d8	10.842	136	1466437	20.000	ng		0.00
39) Acenaphthene-d10	14.665	164	910935	20.000	ng		0.00
64) Phenanthrene-d10	17.406	188	1917462	20.000	ng		0.00
76) Chrysene-d12	21.583	240	2071289	20.000	ng		0.00
86) Perylene-d12	24.041	264	2182648	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	1512532	78.545	ng		0.00
7) Phenol-d6	7.178	99	2159892	84.177	ng		0.00
23) Nitrobenzene-d5	9.195	82	2189236	87.434	ng		0.00
42) 2,4,6-Tribromophenol	16.148	330	1144938	71.898	ng		0.00
45) 2-Fluorobiphenyl	13.295	172	5815524	81.664	ng		0.00
79) Terphenyl-d14	20.018	244	10199983	89.126	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	279716	38.444	ng		99
3) Pyridine	3.831	79	869251	42.228	ng		99
4) n-Nitrosodimethylamine	3.743	42	302554	40.808	ng		94
6) Aniline	7.348	93	1354802	42.456	ng		100
8) 2-Chlorophenol	7.584	128	873914	40.562	ng		98
9) Benzaldehyde	7.160	77	484102	43.733	ng		99
10) Phenol	7.201	94	1064022	41.266	ng		98
11) bis(2-Chloroethyl)ether	7.442	93	870590	40.320	ng		97
12) 1,3-Dichlorobenzene	7.913	146	851051	38.169	ng		98
13) 1,4-Dichlorobenzene	8.066	146	874747	38.249	ng		99
14) 1,2-Dichlorobenzene	8.383	146	880130	38.920	ng		98
15) Benzyl Alcohol	8.266	79	781936	45.752	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.566	45	984855	41.080	ng		100
17) 2-Methylphenol	8.466	107	808458	42.676	ng		98
18) Hexachloroethane	9.119	117	330219	41.500	ng		99
19) n-Nitroso-di-n-propyla...	8.842	70	785726	46.138	ng		98
20) 3+4-Methylphenols	8.795	107	1094960	43.474	ng		98
22) Acetophenone	8.854	105	1531442	39.596	ng	#	99
24) Nitrobenzene	9.236	77	1075569	42.491	ng		97
25) Isophorone	9.766	82	2134701	41.397	ng		99
26) 2-Nitrophenol	9.954	139	411942	41.067	ng		99
27) 2,4-Dimethylphenol	10.007	122	881603	40.194	ng		99
28) bis(2-Chloroethoxy)met...	10.248	93	1286010	40.692	ng		99
29) 2,4-Dichlorophenol	10.483	162	822216	39.463	ng		99
30) 1,2,4-Trichlorobenzene	10.707	180	845245	37.106	ng		98
31) Naphthalene	10.895	128	3057162	38.424	ng		100
32) Benzoic acid	10.125	122	508059	38.399	ng		98
33) 4-Chloroaniline	11.001	127	1444956	41.493	ng		99
34) Hexachlorobutadiene	11.183	225	457520	35.239	ng		99
35) Caprolactam	11.772	113	303605	48.496	ng		98
36) 4-Chloro-3-methylphenol	12.113	107	970914	43.594	ng		97
37) 2-Methylnaphthalene	12.501	142	2218113	39.135	ng		98
38) 1-Methylnaphthalene	12.719	142	2104321	39.413	ng		100
40) 1,2,4,5-Tetrachloroben...	12.860	216	1002018	36.463	ng		99
41) Hexachlorocyclopentadiene	12.848	237	471803	38.660	ng		100
43) 2,4,6-Trichlorophenol	13.095	196	664719	39.592	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.166	196	804358	40.607	ng	98
46) 1,1'-Biphenyl	13.501	154	2901403	38.448	ng	99
47) 2-Chloronaphthalene	13.542	162	2132273	38.094	ng	98
48) 2-Nitroaniline	13.742	65	625202	44.683	ng	95
49) Acenaphthylene	14.389	152	3570965	39.562	ng	99
50) Dimethylphthalate	14.118	163	2889380	40.674	ng	99
51) 2,6-Dinitrotoluene	14.236	165	569444	39.354	ng	94
52) Acenaphthene	14.730	154	2349830	39.960	ng	99
53) 3-Nitroaniline	14.565	138	694368	41.411	ng	99
54) 2,4-Dinitrophenol	14.765	184	227002	44.181	ng	98
55) Dibenzofuran	15.060	168	3468733	39.574	ng	100
56) 4-Nitrophenol	14.854	139	561208	45.528	ng	95
57) 2,4-Dinitrotoluene	15.018	165	766223	40.178	ng	98
58) Fluorene	15.707	166	3201374	41.566	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.283	232	659832	40.505	ng	97
60) Diethylphthalate	15.483	149	3014100	41.151	ng	99
61) 4-Chlorophenyl-phenyle...	15.701	204	1501288	39.280	ng	96
62) 4-Nitroaniline	15.724	138	803212	44.247	ng	99
63) Azobenzene	15.995	77	2942689	41.995	ng	97
65) 4,6-Dinitro-2-methylph...	15.777	198	334486	41.075	ng	94
66) n-Nitrosodiphenylamine	15.912	169	2530306	38.292	ng	100
67) 4-Bromophenyl-phenylether	16.595	248	808497	36.238	ng	96
68) Hexachlorobenzene	16.706	284	959979	36.546	ng	95
69) Atrazine	16.865	200	691065	40.928	ng	100
70) Pentachlorophenol	17.048	266	637754	37.558	ng	99
71) Phenanthrene	17.448	178	4505172	39.799	ng	100
72) Anthracene	17.536	178	4597978	40.588	ng	100
73) Carbazole	17.806	167	4273764	41.800	ng	100
74) Di-n-butylphthalate	18.371	149	5248818	45.540	ng	100
75) Fluoranthene	19.459	202	4980146	43.811	ng	99
77) Benzidine	19.636	184	1225569	43.997	ng	100
78) Pyrene	19.818	202	5388496	36.646	ng	99
80) Butylbenzylphthalate	20.718	149	2167452	40.747	ng	98
81) Benzo(a)anthracene	21.565	228	5730496	40.273	ng	99
82) 3,3'-Dichlorobenzidine	21.494	252	1856498	41.656	ng	98
83) Chrysene	21.618	228	5432226	40.527	ng	99
84) Bis(2-ethylhexyl)phtha...	21.494	149	3897799	39.592	ng	98
85) Di-n-octyl phthalate	22.447	149	5564384	39.925	ng	99
87) Indeno(1,2,3-cd)pyrene	26.612	276	7329761	47.444	ng	99
88) Benzo(b)fluoranthene	23.288	252	5477326	38.431	ng	99
89) Benzo(k)fluoranthene	23.341	252	5734605	37.296	ng	100
90) Benzo(a)pyrene	23.935	252	5243136	39.802	ng	100
91) Dibenzo(a,h)anthracene	26.629	278	6310109	47.088	ng	100
92) Benzo(g,h,i)perylene	27.400	276	5403103	46.816	ng	100

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

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