Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062123\
Data File : BM040331.D
Acq On : 21 Jun 2023 12:39
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 22 04:32:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 15:54:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	203461	20.000	ng		0.00
21) Naphthalene-d8	10.775	136	801491	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	399869	20.000	ng		0.00
64) Phenanthrene-d10	17.345	188	756261	20.000	ng		0.00
76) Chrysene-d12	21.521	240	669073	20.000	ng		0.00
86) Perylene-d12	23.945	264	737530	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1209229	92.149	ng		0.00
7) Phenol-d6	7.128	99	1601590	89.520	ng		0.00
23) Nitrobenzene-d5	9.134	82	1409690	92.098	ng		0.00
42) 2,4,6-Tribromophenol	16.092	330	389263	69.783	ng		0.00
45) 2-Fluorobiphenyl	13.228	172	2557969	87.807	ng		0.00
79) Terphenyl-d14	19.963	244	3125608	90.772	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.375	88	242929	46.352	ng		98
3) Pyridine	3.787	79	713933	47.634	ng		99
4) n-Nitrosodimethylamine	3.693	42	330117	49.129	ng		92
6) Aniline	7.287	93	944162	42.997	ng		99
8) 2-Chlorophenol	7.522	128	579377	41.490	ng		97
9) Benzaldehyde	7.099	77	383312	38.572	ng		97
10) Phenol	7.152	94	771034	44.051	ng		96
11) bis(2-Chloroethyl)ether	7.387	93	582584	40.138	ng		100
12) 1,3-Dichlorobenzene	7.852	146	584696	40.555	ng		99
13) 1,4-Dichlorobenzene	7.999	146	593469	40.658	ng		97
14) 1,2-Dichlorobenzene	8.316	146	574923	40.283	ng		99
15) Benzyl Alcohol	8.205	79	533705	41.594	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.499	45	797524	39.809	ng		98
17) 2-Methylphenol	8.410	107	522550	40.700	ng		99
18) Hexachloroethane	9.046	117	222243	41.271	ng		97
19) n-Nitroso-di-n-propyla...	8.775	70	466920	38.854	ng		97
20) 3+4-Methylphenols	8.740	107	711576	40.516	ng		98
22) Acetophenone	8.793	105	887187	42.525	ng	#	98
24) Nitrobenzene	9.175	77	706700	44.985	ng		97
25) Isophorone	9.704	82	1208239	40.627	ng		99
26) 2-Nitrophenol	9.887	139	290918	43.333	ng		95
27) 2,4-Dimethylphenol	9.946	122	514570	41.218	ng		98
28) bis(2-Chloroethoxy)met...	10.187	93	723957	38.728	ng		99
29) 2,4-Dichlorophenol	10.422	162	466632	39.455	ng		97
30) 1,2,4-Trichlorobenzene	10.640	180	466459	38.702	ng		99
31) Naphthalene	10.828	128	1777324	41.275	ng		99
32) Benzoic acid	10.075	122	383027	39.975	ng		94
33) 4-Chloroaniline	10.940	127	772173	40.090	ng		97
34) Hexachlorobutadiene	11.110	225	249972	36.893	ng		100
35) Caprolactam	11.728	113	167679	40.683	ng		89
36) 4-Chloro-3-methylphenol	12.063	107	556950	40.597	ng		95
37) 2-Methylnaphthalene	12.434	142	1165174	38.166	ng		99
38) 1-Methylnaphthalene	12.651	142	1088140	37.738	ng		98
40) 1,2,4,5-Tetrachloroben...	12.798	216	464347	41.762	ng		99
41) Hexachlorocyclopentadiene	12.775	237	243654	39.836	ng		98
43) 2,4,6-Trichlorophenol	13.040	196	324735	42.116	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	384346	41.844	ng		96
46) 1,1'-Biphenyl	13.439	154	1355774	42.955	ng		99
47) 2-Chloronaphthalene	13.481	162	1002241	42.880	ng		98
48) 2-Nitroaniline	13.687	65	392968	51.000	ng		92
49) Acenaphthylene	14.328	152	1693098	43.426	ng		100
50) Dimethylphthalate	14.063	163	1229745	38.648	ng		100
51) 2,6-Dinitrotoluene	14.181	165	259691	40.111	ng		87
52) Acenaphthene	14.669	154	1009563	42.443	ng		99
53) 3-Nitroaniline	14.510	138	332612	43.243	ng		93
54) 2,4-Dinitrophenol	14.716	184	143842	37.919	ng		89
55) Dibenzofuran	14.998	168	1533900	40.765	ng		97
56) 4-Nitrophenol	14.816	139	265490	44.160	ng		91
57) 2,4-Dinitrotoluene	14.969	165	346585	39.724	ng		90
58) Fluorene	15.645	166	1264335	41.270	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.228	232	283175	37.901	ng		94
60) Diethylphthalate	15.422	149	1223386	37.418	ng		98
61) 4-Chlorophenyl-phenyle...	15.639	204	563018	37.367	ng		94
62) 4-Nitroaniline	15.669	138	345730	43.744	ng		93
63) Azobenzene	15.933	77	1383596	42.140	ng		97
65) 4,6-Dinitro-2-methylph...	15.728	198	186009	41.024	ng		84
66) n-Nitrosodiphenylamine	15.857	169	1021336	42.797	ng		98
67) 4-Bromophenyl-phenylether	16.533	248	300013	37.894	ng		95
68) Hexachlorobenzene	16.651	284	325989	37.275	ng		95
69) Atrazine	16.804	200	260542	36.479	ng		100
70) Pentachlorophenol	16.998	266	247408	39.459	ng		98
71) Phenanthrene	17.386	178	1780332	42.306	ng		100
72) Anthracene	17.480	178	1808659	42.562	ng		100
73) Carbazole	17.751	167	1738377	43.479	ng		99
74) Di-n-butylphthalate	18.310	149	1941790	39.157	ng		99
75) Fluoranthene	19.398	202	1924147	41.254	ng		98
77) Benzidine	19.586	184	568691	45.769	ng		100
78) Pyrene	19.763	202	2024272	44.106	ng		99
80) Butylbenzylphthalate	20.657	149	855827	40.714	ng		94
81) Benzo(a)anthracene	21.510	228	1898826	41.656	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	592957	37.983	ng		98
83) Chrysene	21.562	228	1815411	42.087	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1207402	37.955	ng	#	96
85) Di-n-octyl phthalate	22.362	149	2008078	37.791	ng		97
87) Indeno(1,2,3-cd)pyrene	26.468	276	2272681	46.520	ng		98
88) Benzo(b)fluoranthene	23.209	252	1855570	42.033	ng		99
89) Benzo(k)fluoranthene	23.256	252	1851368	40.778	ng		99
90) Benzo(a)pyrene	23.839	252	1805727	43.119	ng		98
91) Dibenzo(a,h)anthracene	26.480	278	1875463	45.141	ng		98
92) Benzo(g,h,i)perylene	27.239	276	1758861	47.300	ng		97

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

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