Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051123\
Data File : BM039907.D
Acq On : 11 May 2023 20:36
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: May 12 02:32:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 02:21:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	483698	20.000	ng	0.00
21) Naphthalene-d8	10.860	136	2066416	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1181996	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2130335	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1615742	20.000	ng	0.00
86) Perylene-d12	24.047	264	1303663	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	3708784	122.111	ng	0.00
7) Phenol-d6	7.195	99	4976487	125.719	ng	0.00
23) Nitrobenzene-d5	9.213	82	4748235	135.326	ng	0.00
42) 2,4,6-Tribromophenol	16.159	330	2591246	126.446	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	12632814	128.822	ng	0.00
79) Terphenyl-d14	20.030	244	12826955	119.376	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.437	88	657267	55.602	ng	99
3) Pyridine	3.843	79	2009053m	62.416	ng	
4) n-Nitrosodimethylamine	3.754	42	713486	56.894	ng	96
6) Aniline	7.366	93	3106821	62.460	ng	98
8) 2-Chlorophenol	7.601	128	2116930	63.534	ng	98
9) Benzaldehyde	7.172	77	1050516m	58.917	ng	
10) Phenol	7.219	94	2481885	61.913	ng	100
11) bis(2-Chloroethyl)ether	7.460	93	2050216	60.664	ng	98
12) 1,3-Dichlorobenzene	7.925	146	2122929	60.785	ng	99
13) 1,4-Dichlorobenzene	8.072	146	2169133	60.754	ng	99
14) 1,2-Dichlorobenzene	8.395	146	2157691	60.618	ng	100
15) Benzyl Alcohol	8.278	79	1710475	65.720	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.578	45	2203165	57.078	ng	98
17) 2-Methylphenol	8.478	107	1871685	62.036	ng	98
18) Hexachloroethane	9.130	117	768063	61.392	ng	98
19) n-Nitroso-di-n-propyla...	8.860	70	1674822	65.363	ng	96
20) 3+4-Methylphenols	8.813	107	2520056	63.775	ng	98
22) Acetophenone	8.872	105	3421030	62.053	ng	98
24) Nitrobenzene	9.254	77	2296144	65.170	ng	96
25) Isophorone	9.783	82	4537727	61.173	ng	98
26) 2-Nitrophenol	9.966	139	849532	60.374	ng	98
27) 2,4-Dimethylphenol	10.025	122	2015465	65.837	ng	98
28) bis(2-Chloroethoxy)met...	10.266	93	2761407	63.277	ng	100
29) 2,4-Dichlorophenol	10.501	162	1948472	67.514	ng	99
30) 1,2,4-Trichlorobenzene	10.719	180	2088315	64.568	ng	99
31) Naphthalene	10.913	128	7049025	62.205	ng	100
32) Benzoic acid	10.189	122	930166	63.975	ng	98
33) 4-Chloroaniline	11.013	127	3104919	63.765	ng	100
34) Hexachlorobutadiene	11.195	225	1194954	64.665	ng	100
35) Caprolactam	11.807	113	534333	70.929	ng	94
36) 4-Chloro-3-methylphenol	12.130	107	1990391	64.411	ng	99
37) 2-Methylnaphthalene	12.513	142	5183073	64.013	ng	100
38) 1-Methylnaphthalene	12.730	142	4873010	64.016	ng	99
40) 1,2,4,5-Tetrachloroben...	12.871	216	2484489	68.637	ng	99
41) Hexachlorocyclopentadiene	12.860	237	1090007	61.105	ng	100
43) 2,4,6-Trichlorophenol	13.107	196	1498419	70.717	ng	98

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44) 2,4,5-Trichlorophenol	13.177	196	1736266	70.330	ng		98
46) 1,1'-Biphenyl	13.518	154	6451760	64.933	ng		99
47) 2-Chloronaphthalene	13.560	162	4760200	64.634	ng		98
48) 2-Nitroaniline	13.754	65	991362	62.791	ng		98
49) Acenaphthylene	14.401	152	7659473	64.006	ng		100
50) Dimethylphthalate	14.142	163	5775557	65.757	ng		100
51) 2,6-Dinitrotoluene	14.248	165	1103337	62.537	ng		95
52) Acenaphthene	14.742	154	4969033	65.239	ng		99
53) 3-Nitroaniline	14.577	138	1247212	62.359	ng		94
54) 2,4-Dinitrophenol	14.777	184	346799	63.093	ng		95
55) Dibenzofuran	15.071	168	7254637	63.816	ng		99
56) 4-Nitrophenol	14.871	139	979488	68.715	ng		97
57) 2,4-Dinitrotoluene	15.030	165	1407870	63.328	ng		97
58) Fluorene	15.718	166	6730595	65.956	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.289	232	1390321	70.380	ng		97
60) Diethylphthalate	15.501	149	5881209	67.739	ng		98
61) 4-Chlorophenyl-phenyle...	15.718	204	3408248	67.665	ng		94
62) 4-Nitroaniline	15.742	138	1340850	62.838	ng		99
63) Azobenzene	16.007	77	5430811	58.938	ng		98
65) 4,6-Dinitro-2-methylph...	15.795	198	518895	63.148	ng		94
66) n-Nitrosodiphenylamine	15.930	169	5123996	68.796	ng		99
67) 4-Bromophenyl-phenylether	16.606	248	1795039	71.711	ng		97
68) Hexachlorobenzene	16.718	284	2026665	70.278	ng		98
69) Atrazine	16.877	200	1222915	62.357	ng		99
70) Pentachlorophenol	17.059	266	1274874	62.352	ng		100
71) Phenanthrene	17.459	178	8555909	66.787	ng		98
72) Anthracene	17.548	178	8795244	67.107	ng		99
73) Carbazole	17.818	167	7411908	65.153	ng		99
74) Di-n-butylphthalate	18.389	149	8977416	62.371	ng		99
75) Fluoranthene	19.465	202	8496791	66.152	ng		99
77) Benzidine	19.647	184	1111807	63.044	ng		100
78) Pyrene	19.824	202	8747498	70.227	ng		99
80) Butylbenzylphthalate	20.730	149	1747003	108.291	ng		87
81) Benzo(a)anthracene	21.571	228	7559895	66.010	ng		99
82) 3,3'-Dichlorobenzidine	21.500	252	1836292	62.033	ng		100
83) Chrysene	21.624	228	7055053	65.451	ng		99
84) Bis(2-ethylhexyl)phtha...	21.512	149	3759612	63.419	ng	#	96
85) Di-n-octyl phthalate	22.465	149	5066613	62.803	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.629	276	6650630	70.534	ng		99
88) Benzo(b)fluoranthene	23.300	252	5847548	68.780	ng		99
89) Benzo(k)fluoranthene	23.347	252	6344951	68.843	ng		99
90) Benzo(a)pyrene	23.941	252	5504343	69.661	ng		99
91) Dibenzo(a,h)anthracene	26.647	278	5856428	75.462	ng		98
92) Benzo(g,h,i)perylene	27.418	276	5012254	70.694	ng		98

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

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