Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
Data File : BM045749.D
Acq On : 23 May 2024 10:29
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: May 24 02:49:50 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 23 04:12:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	402496	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	1719932	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	1109342	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	2382913	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1928265	20.000	ng	0.00
86) Perylene-d12	23.956	264	2215766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	1820022	80.619	ng	0.00
7) Phenol-d6	6.834	99	2437440	80.421	ng	0.00
23) Nitrobenzene-d5	8.733	82	2612441	82.625	ng	0.00
42) 2,4,6-Tribromophenol	15.704	330	999249	85.043	ng	0.00
45) 2-Fluorobiphenyl	12.821	172	5585268	80.920	ng	0.00
79) Terphenyl-d14	19.586	244	8688718	82.935	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.199	88	375269	40.049	ng	99
3) Pyridine	3.604	79	1058668m	41.248	ng	
4) n-Nitrosodimethylamine	3.504	42	593098	40.961	ng	97
6) Aniline	6.939	93	1194932	41.221	ng	98
8) 2-Chlorophenol	7.169	128	975644	39.460	ng	98
9) Benzaldehyde	6.739	77	720825	39.040	ng	99
10) Phenol	6.863	94	1219151	39.802	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	1075931	40.530	ng	100
12) 1,3-Dichlorobenzene	7.451	146	1176413	39.924	ng	100
13) 1,4-Dichlorobenzene	7.598	146	1194249	40.188	ng	99
14) 1,2-Dichlorobenzene	7.916	146	1085882	39.110	ng	99
15) Benzyl Alcohol	7.851	79	951104	40.184	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1653296	40.127	ng	99
17) 2-Methylphenol	8.075	107	847945	39.935	ng	98
18) Hexachloroethane	8.633	117	461845	40.038	ng	96
19) n-Nitroso-di-n-propyla...	8.398	70	830173	38.959	ng	99
20) 3+4-Methylphenols	8.410	107	1131863	40.032	ng	97
22) Acetophenone	8.404	105	1576099	39.623	ng	99
24) Nitrobenzene	8.769	77	1327311	41.275	ng	99
25) Isophorone	9.310	82	2399812	40.774	ng	99
26) 2-Nitrophenol	9.475	139	593968	42.251	ng	99
27) 2,4-Dimethylphenol	9.580	122	733705	40.872	ng	100
28) bis(2-Chloroethoxy)met...	9.775	93	1488654	41.078	ng	100
29) 2,4-Dichlorophenol	10.022	162	1040460	42.384	ng	98
30) 1,2,4-Trichlorobenzene	10.192	180	1132926	40.756	ng	99
31) Naphthalene	10.380	128	3420342	40.140	ng	100
32) Benzoic acid	9.822	122	683940	41.373	ng	98
33) 4-Chloroaniline	10.545	127	1330096	40.892	ng	99
34) Hexachlorobutadiene	10.669	225	688991	40.428	ng	99
35) Caprolactam	11.410	113	345673	43.538	ng	96
36) 4-Chloro-3-methylphenol	11.704	107	1166255	41.780	ng	98
37) 2-Methylnaphthalene	11.998	142	2403517	40.494	ng	100
38) 1-Methylnaphthalene	12.221	142	2369491	40.461	ng	99
40) 1,2,4,5-Tetrachloroben...	12.368	216	1182769	41.343	ng	100
41) Hexachlorocyclopentadiene	12.357	237	519900	43.420	ng	99
43) 2,4,6-Trichlorophenol	12.639	196	846662	43.851	ng	99

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Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	936451	43.579	ng	99
46) 1,1'-Biphenyl	13.027	154	3035713	40.597	ng	100
47) 2-Chloronaphthalene	13.063	162	2381954	40.703	ng	100
48) 2-Nitroaniline	13.316	65	852234	46.152	ng	98
49) Acenaphthylene	13.921	152	3624403	40.844	ng	99
50) Dimethylphthalate	13.698	163	3095677	41.254	ng	100
51) 2,6-Dinitrotoluene	13.804	165	705903	43.830	ng	97
52) Acenaphthene	14.262	154	2255368	40.546	ng	99
53) 3-Nitroaniline	14.157	138	729729	44.424	ng	98
54) 2,4-Dinitrophenol	14.339	184	367740	43.887	ng	98
55) Dibenzofuran	14.604	168	3535256	40.315	ng	99
56) 4-Nitrophenol	14.533	139	608152	43.546	ng	100
57) 2,4-Dinitrotoluene	14.592	165	962475	45.002	ng	97
58) Fluorene	15.251	166	2894229	40.382	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.851	232	763725	42.771	ng	99
60) Diethylphthalate	15.062	149	3212792	40.975	ng	99
61) 4-Chlorophenyl-phenyle...	15.257	204	1426876	40.682	ng	98
62) 4-Nitroaniline	15.339	138	716541	43.915	ng	100
63) Azobenzene	15.545	77	3084299	40.595	ng	99
65) 4,6-Dinitro-2-methylph...	15.351	198	511028	43.345	ng	92
66) n-Nitrosodiphenylamine	15.480	169	2444202	40.066	ng	100
67) 4-Bromophenyl-phenylether	16.145	248	926205	40.909	ng	97
68) Hexachlorobenzene	16.245	284	1092582	40.512	ng	98
69) Atrazine	16.451	200	745499	40.020	ng	98
70) Pentachlorophenol	16.615	266	751555	45.680	ng	99
71) Phenanthrene	16.986	178	4511271	40.110	ng	99
72) Anthracene	17.080	178	4469199	40.417	ng	100
73) Carbazole	17.374	167	4445493	40.177	ng	100
74) Di-n-butylphthalate	17.933	149	5708142	41.545	ng	100
75) Fluoranthene	19.003	202	5581547	40.700	ng	99
77) Benzidine	19.221	184	1881399	57.138	ng	100
78) Pyrene	19.368	202	5722292	42.068	ng	100
80) Butylbenzylphthalate	20.292	149	2566642	43.561	ng	96
81) Benzo(a)anthracene	21.144	228	5053420	41.146	ng	99
82) 3,3'-Dichlorobenzidine	21.091	252	1790990	42.553	ng	99
83) Chrysene	21.209	228	4714826	40.928	ng	100
84) Bis(2-ethylhexyl)phtha...	21.091	149	3481840	42.085	ng	98
85) Di-n-octyl phthalate	22.150	149	6079207	42.134	ng	100
87) Indeno(1,2,3-cd)pyrene	27.062	276	5122509	40.178	ng	100
88) Benzo(b)fluoranthene	23.080	252	5183760	41.255	ng	100
89) Benzo(k)fluoranthene	23.144	252	4906900	41.143	ng	99
90) Benzo(a)pyrene	23.827	252	4518939	41.388	ng	99
91) Dibenzo(a,h)anthracene	27.109	278	4240588	40.152	ng	100
92) Benzo(g,h,i)perylene	28.026	276	4373179	39.917	ng	99

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

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