Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020524\
Data File : BM043977.D
Acq On : 05 Feb 2024 14:37
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Feb 06 06:47:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 06 06:29:52 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	277888	20.000	ng		0.00
21) Naphthalene-d8	10.727	136	1292481	20.000	ng		0.00
39) Acenaphthene-d10	14.568	164	807297	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	1800005	20.000	ng		0.00
76) Chrysene-d12	21.521	240	1892482	20.000	ng		0.00
86) Perylene-d12	23.933	264	2256295	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1918539	101.954	ng		0.00
7) Phenol-d6	7.092	99	2877015	103.477	ng		0.00
23) Nitrobenzene-d5	9.092	82	2735219	102.015	ng		0.00
42) 2,4,6-Tribromophenol	16.062	330	1037814	105.460	ng		0.00
45) 2-Fluorobiphenyl	13.192	172	5941929	101.135	ng		0.00
79) Terphenyl-d14	19.962	244	10306486	105.131	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	355908	48.938	ng		100
3) Pyridine	3.793	79	1214649	55.002	ng		100
4) n-Nitrosodimethylamine	3.716	42	480749	50.529	ng		98
6) Aniline	7.257	93	1422612	51.425	ng		98
8) 2-Chlorophenol	7.487	128	1059296	50.701	ng		98
9) Benzaldehyde	7.069	77	616839	50.013	ng		98
10) Phenol	7.116	94	1411240	51.050	ng		98
11) bis(2-Chloroethyl)ether	7.357	93	1084067	50.034	ng		100
12) 1,3-Dichlorobenzene	7.810	146	1122741	49.773	ng		99
13) 1,4-Dichlorobenzene	7.957	146	1139881	49.967	ng		99
14) 1,2-Dichlorobenzene	8.275	146	1108742	49.282	ng		98
15) Benzyl Alcohol	8.169	79	972268	51.019	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.463	45	1439533	49.689	ng		99
17) 2-Methylphenol	8.369	107	910530	51.526	ng		99
18) Hexachloroethane	8.998	117	426488	49.820	ng		99
19) n-Nitroso-di-n-propyla...	8.739	70	932517	50.971	ng		99
20) 3+4-Methylphenols	8.698	107	1291324	51.774	ng		99
22) Acetophenone	8.757	105	1749114	49.945	ng	#	99
24) Nitrobenzene	9.139	77	1367305	50.827	ng		98
25) Isophorone	9.663	82	2568797	51.467	ng		100
26) 2-Nitrophenol	9.845	139	585468	53.849	ng		98
27) 2,4-Dimethylphenol	9.904	122	772032	51.714	ng		99
28) bis(2-Chloroethoxy)met...	10.151	93	1525075	50.035	ng		99
29) 2,4-Dichlorophenol	10.375	162	1007774	52.925	ng		99
30) 1,2,4-Trichlorobenzene	10.586	180	1081670	50.295	ng		99
31) Naphthalene	10.780	128	3609251	50.100	ng		100
32) Benzoic acid	10.045	122	812108	49.163	ng		95
33) 4-Chloroaniline	10.898	127	1516551	51.217	ng		99
34) Hexachlorobutadiene	11.051	225	583913	49.782	ng		99
35) Caprolactam	11.692	113	412421	52.825	ng		98
36) 4-Chloro-3-methylphenol	12.022	107	1218866	52.272	ng		98
37) 2-Methylnaphthalene	12.392	142	2528181	50.324	ng		100
38) 1-Methylnaphthalene	12.610	142	2524307	50.333	ng		99
40) 1,2,4,5-Tetrachloroben...	12.751	216	1153577	50.382	ng		99
41) Hexachlorocyclopentadiene	12.727	237	396649	52.673	ng		100
43) 2,4,6-Trichlorophenol	12.998	196	822700	53.168	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.069	196	931021	52.738	ng	99
46) 1,1'-Biphenyl	13.404	154	3184772	50.166	ng	100
47) 2-Chloronaphthalene	13.445	162	2557098	50.507	ng	100
48) 2-Nitroaniline	13.657	65	874581	53.113	ng	100
49) Acenaphthylene	14.292	152	3941987	50.935	ng	99
50) Dimethylphthalate	14.039	163	3151208	50.253	ng	100
51) 2,6-Dinitrotoluene	14.157	165	726455	52.703	ng	100
52) Acenaphthene	14.633	154	2477023	50.489	ng	99
53) 3-Nitroaniline	14.486	138	838618	52.408	ng	96
54) 2,4-Dinitrophenol	14.686	184	383607	48.162	ng	97
55) Dibenzofuran	14.968	168	3784286	49.564	ng	99
56) 4-Nitrophenol	14.786	139	748484	53.525	ng	98
57) 2,4-Dinitrotoluene	14.939	165	1026230	53.484	ng	99
58) Fluorene	15.615	166	3282085	50.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	788392	51.802	ng	99
60) Diethylphthalate	15.404	149	3270412	50.380	ng	99
61) 4-Chlorophenyl-phenyle...	15.615	204	1514124	50.333	ng	99
62) 4-Nitroaniline	15.651	138	926840	52.975	ng	96
63) Azobenzene	15.909	77	3292864	50.787	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	539825	48.443	ng	97
66) n-Nitrosodiphenylamine	15.833	169	2749933	51.287	ng	100
67) 4-Bromophenyl-phenylether	16.515	248	901229	50.824	ng	99
68) Hexachlorobenzene	16.609	284	1052996	49.806	ng	99
69) Atrazine	16.798	200	728016	49.079	ng	99
70) Pentachlorophenol	16.962	266	749001	53.952	ng	99
71) Phenanthrene	17.362	178	5037181	50.243	ng	100
72) Anthracene	17.456	178	5002441	50.965	ng	99
73) Carbazole	17.733	167	5193943	51.094	ng	100
74) Di-n-butylphthalate	18.309	149	5821142	52.215	ng	100
75) Fluoranthene	19.380	202	6267552	50.551	ng	100
77) Benzidine	19.580	184	1540949	64.176	ng	100
78) Pyrene	19.745	202	6724520	51.692	ng	100
80) Butylbenzylphthalate	20.668	149	2763284	53.644	ng	99
81) Benzo(a)anthracene	21.503	228	6734490	50.723	ng	99
82) 3,3'-Dichlorobenzidine	21.444	252	2238631	52.732	ng	99
83) Chrysene	21.562	228	6347181	49.899	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	4104184	53.576	ng	99
85) Di-n-octyl phthalate	22.403	149	7095037	53.764	ng	100
87) Indeno(1,2,3-cd)pyrene	26.450	276	8604350	50.964	ng	100
88) Benzo(b)fluoranthene	23.203	252	7221234	50.880	ng	99
89) Benzo(k)fluoranthene	23.256	252	7069899	51.922	ng	99
90) Benzo(a)pyrene	23.833	252	6469875	51.573	ng	99
91) Dibenzo(a,h)anthracene	26.474	278	7071863	50.790	ng	99
92) Benzo(g,h,i)perylene	27.221	276	7147663	50.328	ng	100

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

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