Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020924\
Data File : BM044030.D
Acq On : 09 Feb 2024 09:29
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 09 10:13:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	353631	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	1453394	20.000	ng		0.00
39) Acenaphthene-d10	14.551	164	809929	20.000	ng		0.00
64) Phenanthrene-d10	17.304	188	1594331	20.000	ng		0.00
76) Chrysene-d12	21.504	240	1328559	20.000	ng		0.00
86) Perylene-d12	23.897	264	1540517	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1921015	79.009	ng		0.00
7) Phenol-d6	7.075	99	2455128	79.362	ng		0.00
23) Nitrobenzene-d5	9.081	82	2172685	79.325	ng		0.00
42) 2,4,6-Tribromophenol	16.045	330	715837	81.630	ng		0.00
45) 2-Fluorobiphenyl	13.181	172	4551003	79.302	ng		0.00
79) Terphenyl-d14	19.945	244	5843910	77.110	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	389109	40.325	ng		99
3) Pyridine	3.781	79	1016551	39.903	ng		99
4) n-Nitrosodimethylamine	3.705	42	389568	40.303	ng		97
6) Aniline	7.240	93	1195235	39.295	ng		100
8) 2-Chlorophenol	7.469	128	985323	38.807	ng		99
9) Benzaldehyde	7.057	77	629507	39.597	ng		99
10) Phenol	7.104	94	1237672	39.642	ng		99
11) bis(2-Chloroethyl)ether	7.346	93	1011494	39.122	ng		99
12) 1,3-Dichlorobenzene	7.793	146	1123621	38.977	ng		99
13) 1,4-Dichlorobenzene	7.946	146	1141926	39.298	ng		100
14) 1,2-Dichlorobenzene	8.257	146	1083950	39.148	ng		99
15) Benzyl Alcohol	8.157	79	788712	39.156	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1245762m	38.008	ng		
17) 2-Methylphenol	8.351	107	797645	38.919	ng		99
18) Hexachloroethane	8.981	117	419254	38.534	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	731328	38.499	ng		98
20) 3+4-Methylphenols	8.687	107	1108381	39.294	ng		99
22) Acetophenone	8.740	105	1464702	39.704	ng	#	99
24) Nitrobenzene	9.122	77	1104130	39.366	ng		99
25) Isophorone	9.645	82	2048411	38.840	ng		100
26) 2-Nitrophenol	9.828	139	513977	39.525	ng		100
27) 2,4-Dimethylphenol	9.887	122	652515	39.243	ng		99
28) bis(2-Chloroethoxy)met...	10.140	93	1319518	38.686	ng		100
29) 2,4-Dichlorophenol	10.357	162	862098	39.380	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	961315	39.051	ng		99
31) Naphthalene	10.763	128	3149372	39.262	ng		99
32) Benzoic acid	10.022	122	622775	37.181	ng		99
33) 4-Chloroaniline	10.881	127	1189316	39.155	ng		99
34) Hexachlorobutadiene	11.034	225	546792	38.807	ng		99
35) Caprolactam	11.669	113	278118	39.480	ng		97
36) 4-Chloro-3-methylphenol	12.004	107	936123	39.490	ng		100
37) 2-Methylnaphthalene	12.375	142	2069045	38.723	ng		98
38) 1-Methylnaphthalene	12.592	142	2043256	38.917	ng		99
40) 1,2,4,5-Tetrachloroben...	12.739	216	932021	39.590	ng		100
41) Hexachlorocyclopentadiene	12.710	237	403791	39.302	ng		99
43) 2,4,6-Trichlorophenol	12.986	196	641238	40.024	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	709612	40.360	ng	98
46) 1,1'-Biphenyl	13.392	154	2526422	39.531	ng	99
47) 2-Chloronaphthalene	13.428	162	2008017	39.664	ng	99
48) 2-Nitroaniline	13.639	65	584273	41.024	ng	94
49) Acenaphthylene	14.275	152	3012113	39.881	ng	100
50) Dimethylphthalate	14.022	163	2338740	38.945	ng	100
51) 2,6-Dinitrotoluene	14.145	165	525662	39.676	ng	99
52) Acenaphthene	14.616	154	1842138	39.409	ng	99
53) 3-Nitroaniline	14.469	138	576947	40.520	ng	96
54) 2,4-Dinitrophenol	14.675	184	268915	37.036	ng	98
55) Dibenzofuran	14.951	168	2846393	39.342	ng	99
56) 4-Nitrophenol	14.769	139	478900	41.374	ng	96
57) 2,4-Dinitrotoluene	14.927	165	706799	40.817	ng	99
58) Fluorene	15.604	166	2212074	39.567	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.175	232	547442	39.681	ng	100
60) Diethylphthalate	15.392	149	2390492	38.518	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1065575	39.335	ng	99
62) 4-Nitroaniline	15.633	138	596297	41.604	ng	99
63) Azobenzene	15.898	77	2317390	39.799	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	374765	39.447	ng	97
66) n-Nitrosodiphenylamine	15.822	169	1901640	39.259	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	613568	38.924	ng	99
68) Hexachlorobenzene	16.598	284	758102	39.261	ng	98
69) Atrazine	16.780	200	531717	40.541	ng	99
70) Pentachlorophenol	16.945	266	507523	40.404	ng	99
71) Phenanthrene	17.345	178	3318648	39.418	ng	100
72) Anthracene	17.439	178	3302824	39.626	ng	99
73) Carbazole	17.716	167	3243607	40.016	ng	99
74) Di-n-butylphthalate	18.292	149	4087927	38.799	ng	100
75) Fluoranthene	19.368	202	3791113	40.087	ng	99
77) Benzidine	19.562	184	1022375	49.518	ng	99
78) Pyrene	19.727	202	3948150	38.586	ng	100
80) Butylbenzylphthalate	20.651	149	1735270	38.153	ng	100
81) Benzo(a)anthracene	21.492	228	3619907	39.171	ng	100
82) 3,3'-Dichlorobenzidine	21.427	252	1230860	40.593	ng	99
83) Chrysene	21.545	228	3453057	39.550	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2575618	38.381	ng	100
85) Di-n-octyl phthalate	22.380	149	4442734	37.908	ng	99
87) Indeno(1,2,3-cd)pyrene	26.391	276	4322251	39.642	ng	100
88) Benzo(b)fluoranthene	23.174	252	3768132	39.129	ng	100
89) Benzo(k)fluoranthene	23.221	252	3647537	39.861	ng	100
90) Benzo(a)pyrene	23.797	252	3328673	39.573	ng	99
91) Dibenzo(a,h)anthracene	26.415	278	3639785	39.909	ng	99
92) Benzo(g,h,i)perylene	27.150	276	3677707	39.761	ng	99

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

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