Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
Data File : BM045750.D
Acq On : 23 May 2024 12:40
Operator : MA/JU
Sample : PB161074BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB161074BS

Quant Time: May 24 02:50:52 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	327235	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1427447	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	875413	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1870554	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1518840	20.000	ng	0.00
86) Perylene-d12	23.956	264	1684126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	1801266	98.139	ng	0.00
7) Phenol-d6	6.840	99	2299582	93.322	ng	0.00
23) Nitrobenzene-d5	8.728	82	2181476	83.132	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	864672	93.254	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4561955	83.756	ng	0.00
79) Terphenyl-d14	19.586	244	7046183	85.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	256951	33.728	ng	98
3) Pyridine	3.593	79	674588	32.328	ng	98
4) n-Nitrosodimethylamine	3.499	42	493480	41.920	ng	97
6) Aniline	6.940	93	966433	41.006	ng	99
8) 2-Chlorophenol	7.169	128	997912	49.643	ng	98
9) Benzaldehyde	6.740	77	187095	12.464	ng	98
10) Phenol	6.863	94	1189895	47.781	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	943599	43.720	ng	99
12) 1,3-Dichlorobenzene	7.451	146	997450	41.636	ng	99
13) 1,4-Dichlorobenzene	7.598	146	1010942	41.844	ng	99
14) 1,2-Dichlorobenzene	7.916	146	968688	42.913	ng	100
15) Benzyl Alcohol	7.857	79	890351	46.268	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1507053	44.990	ng	99
17) 2-Methylphenol	8.075	107	827389	47.929	ng	98
18) Hexachloroethane	8.628	117	389414	41.523	ng	99
19) n-Nitroso-di-n-propyla...	8.398	70	720794	41.606	ng	99
20) 3+4-Methylphenols	8.410	107	1060829	46.148	ng	98
22) Acetophenone	8.404	105	1372494	41.574	ng	100
24) Nitrobenzene	8.769	77	1121637	42.026	ng	100
25) Isophorone	9.310	82	2065671	42.288	ng	100
26) 2-Nitrophenol	9.475	139	518290	44.277	ng	97
27) 2,4-Dimethylphenol	9.581	122	941554	63.197	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	1297143	43.128	ng	99
29) 2,4-Dichlorophenol	10.022	162	968997	47.561	ng	99
30) 1,2,4-Trichlorobenzene	10.192	180	960700	41.642	ng	100
31) Naphthalene	10.381	128	2896631	40.960	ng	100
32) Benzoic acid	9.816	122	564350	41.170	ng	97
33) 4-Chloroaniline	10.551	127	675032	25.005	ng	100
34) Hexachlorobutadiene	10.669	225	567032	40.089	ng	99
35) Caprolactam	11.422	113	312870m	47.481	ng	
36) 4-Chloro-3-methylphenol	11.704	107	1014923	43.808	ng	99
37) 2-Methylnaphthalene	11.998	142	2005491	40.711	ng	100
38) 1-Methylnaphthalene	12.222	142	1902114	39.135	ng	100
40) 1,2,4,5-Tetrachloroben...	12.369	216	994762	44.063	ng	99
41) Hexachlorocyclopentadiene	12.357	237	1435483	151.921	ng	98
43) 2,4,6-Trichlorophenol	12.645	196	746602	49.002	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	799996	47.177	ng	100
46) 1,1'-Biphenyl	13.033	154	2586132	43.826	ng	100
47) 2-Chloronaphthalene	13.063	162	1987742	43.043	ng	100
48) 2-Nitroaniline	13.316	65	729875	50.088	ng	99
49) Acenaphthylene	13.922	152	3193085	45.599	ng	100
50) Dimethylphthalate	13.698	163	2677136	45.210	ng	100
51) 2,6-Dinitrotoluene	13.804	165	585680	46.083	ng	95
52) Acenaphthene	14.263	154	1944091	44.289	ng	99
53) 3-Nitroaniline	14.157	138	431133	33.260	ng	99
54) 2,4-Dinitrophenol	14.339	184	693215	93.704	ng	98
55) Dibenzofuran	14.604	168	3028704	43.768	ng	100
56) 4-Nitrophenol	14.539	139	1111082	100.818	ng	99
57) 2,4-Dinitrotoluene	14.592	165	789524	46.780	ng	96
58) Fluorene	15.251	166	2453804	43.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	697860	49.526	ng	99
60) Diethylphthalate	15.063	149	2738763	44.263	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1208920	43.678	ng	98
62) 4-Nitroaniline	15.333	138	595723	46.266	ng	98
63) Azobenzene	15.545	77	2643379	44.089	ng	99
65) 4,6-Dinitro-2-methylph...	15.351	198	440703	47.137	ng	94
66) n-Nitrosodiphenylamine	15.480	169	2165879	45.228	ng	99
67) 4-Bromophenyl-phenylether	16.145	248	782783	44.045	ng	97
68) Hexachlorobenzene	16.245	284	901791	42.596	ng	97
69) Atrazine	16.451	200	825791	56.472	ng	100
70) Pentachlorophenol	16.615	266	1175722	91.035	ng	99
71) Phenanthrene	16.986	178	3940258	44.629	ng	99
72) Anthracene	17.080	178	3925767	45.227	ng	100
73) Carbazole	17.368	167	3811551	43.883	ng	99
74) Di-n-butylphthalate	17.933	149	4776267	44.284	ng	100
75) Fluoranthene	19.004	202	4583115	42.573	ng	99
77) Benzidine	19.221	184	1277296	49.248	ng	100
78) Pyrene	19.368	202	4742953	44.268	ng	100
80) Butylbenzylphthalate	20.298	149	2142946	46.175	ng	98
81) Benzo(a)anthracene	21.145	228	4319699	44.653	ng	99
82) 3,3'-Dichlorobenzidine	21.092	252	1279648	38.599	ng	99
83) Chrysene	21.203	228	3932256	43.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	2959642	45.416	ng	100
85) Di-n-octyl phthalate	22.150	149	5275235	46.417	ng	100
87) Indeno(1,2,3-cd)pyrene	27.050	276	4556761	47.024	ng	100
88) Benzo(b)fluoranthene	23.080	252	4442380	46.515	ng	100
89) Benzo(k)fluoranthene	23.144	252	4316218	47.614	ng	99
90) Benzo(a)pyrene	23.827	252	3842177	46.298	ng	99
91) Dibenzo(a,h)anthracene	27.109	278	3838993	47.824	ng	99
92) Benzo(g,h,i)perylene	28.027	276	3781784	45.416	ng	99

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

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