Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
Data File : BM045754.D
Acq On : 23 May 2024 15:28
Operator : MA/JU
Sample : PB160904BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB160904BSD

Quant Time: May 24 02:54:17 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	341553	20.000	ng		0.00
21) Naphthalene-d8	10.334	136	1466721	20.000	ng		0.00
39) Acenaphthene-d10	14.198	164	902952	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	1949313	20.000	ng		0.00
76) Chrysene-d12	21.162	240	1609053	20.000	ng		0.00
86) Perylene-d12	23.950	264	1831165	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.252	112	1867005	97.457	ng		0.00
7) Phenol-d6	6.834	99	2402923	93.428	ng		0.00
23) Nitrobenzene-d5	8.728	82	2284464	84.726	ng		0.00
42) 2,4,6-Tribromophenol	15.698	330	898370	93.933	ng		0.00
45) 2-Fluorobiphenyl	12.822	172	4785449	85.180	ng		0.00
79) Terphenyl-d14	19.586	244	7403549	84.687	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	265812	33.429	ng		99
3) Pyridine	3.587	79	690191	31.690	ng		97
4) n-Nitrosodimethylamine	3.499	42	530756	43.196	ng		97
6) Aniline	6.940	93	1031341	41.926	ng		99
8) 2-Chlorophenol	7.169	128	1038093	49.478	ng		99
9) Benzaldehyde	6.740	77	194384	12.406	ng		95
10) Phenol	6.863	94	1246554	47.958	ng		99
11) bis(2-Chloroethyl)ether	7.022	93	980114	43.508	ng		100
12) 1,3-Dichlorobenzene	7.451	146	1029924	41.189	ng		100
13) 1,4-Dichlorobenzene	7.598	146	1045077	41.444	ng		99
14) 1,2-Dichlorobenzene	7.916	146	1014079	43.041	ng		99
15) Benzyl Alcohol	7.851	79	936680	46.635	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1584061	45.306	ng		98
17) 2-Methylphenol	8.075	107	868679	48.211	ng		99
18) Hexachloroethane	8.628	117	400495	40.914	ng		96
19) n-Nitroso-di-n-propyla...	8.398	70	753521	41.672	ng		98
20) 3+4-Methylphenols	8.404	107	1111448	46.324	ng	#	87
22) Acetophenone	8.398	105	1431271	42.193	ng	#	99
24) Nitrobenzene	8.769	77	1176175	42.890	ng		98
25) Isophorone	9.310	82	2169633	43.227	ng		99
26) 2-Nitrophenol	9.475	139	538952	44.775	ng		97
27) 2,4-Dimethylphenol	9.581	122	984966	64.341	ng		98
28) bis(2-Chloroethoxy)met...	9.781	93	1355748	43.869	ng		100
29) 2,4-Dichlorophenol	10.022	162	1011381	48.312	ng		99
30) 1,2,4-Trichlorobenzene	10.192	180	1004222	42.363	ng		100
31) Naphthalene	10.381	128	3023786	41.613	ng		100
32) Benzoic acid	9.816	122	604719	42.667	ng		99
33) 4-Chloroaniline	10.545	127	757363	27.304	ng		99
34) Hexachlorobutadiene	10.669	225	588746	40.510	ng		99
35) Caprolactam	11.428	113	328067m	48.454	ng		
36) 4-Chloro-3-methylphenol	11.704	107	1072949	45.073	ng		99
37) 2-Methylnaphthalene	11.998	142	2123319	41.949	ng		99
38) 1-Methylnaphthalene	12.222	142	2000057	40.049	ng		99
40) 1,2,4,5-Tetrachloroben...	12.363	216	1031111	44.280	ng		98
41) Hexachlorocyclopentadiene	12.351	237	1476280	151.473	ng		99
43) 2,4,6-Trichlorophenol	12.645	196	787094	50.084	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	831336	47.530	ng	99
46) 1,1'-Biphenyl	13.033	154	2699456	44.351	ng	99
47) 2-Chloronaphthalene	13.063	162	2069606	43.449	ng	100
48) 2-Nitroaniline	13.316	65	776612	51.670	ng	99
49) Acenaphthylene	13.922	152	3355376	46.455	ng	99
50) Dimethylphthalate	13.698	163	2783149	45.567	ng	99
51) 2,6-Dinitrotoluene	13.804	165	614437	46.871	ng	93
52) Acenaphthene	14.263	154	2031203	44.862	ng	99
53) 3-Nitroaniline	14.157	138	467836	34.991	ng	99
54) 2,4-Dinitrophenol	14.339	184	728215	95.285	ng	98
55) Dibenzofuran	14.604	168	3153730	44.185	ng	99
56) 4-Nitrophenol	14.533	139	1186266	104.357	ng	97
57) 2,4-Dinitrotoluene	14.592	165	825155	47.400	ng	97
58) Fluorene	15.251	166	2592733	44.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.851	232	741082	50.989	ng	100
60) Diethylphthalate	15.063	149	2845666	44.588	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1264197	44.283	ng	97
62) 4-Nitroaniline	15.333	138	631730	47.567	ng	98
63) Azobenzene	15.545	77	2765298	44.716	ng	99
65) 4,6-Dinitro-2-methylph...	15.351	198	466342	47.789	ng	96
66) n-Nitrosodiphenylamine	15.480	169	2274516	45.578	ng	100
67) 4-Bromophenyl-phenylether	16.145	248	824676	44.527	ng	99
68) Hexachlorobenzene	16.245	284	937671	42.502	ng	98
69) Atrazine	16.451	200	867818	56.949	ng	99
70) Pentachlorophenol	16.615	266	1240965	92.204	ng	99
71) Phenanthrene	16.986	178	4149943	45.105	ng	100
72) Anthracene	17.074	178	4126580	45.619	ng	100
73) Carbazole	17.368	167	4024281	44.460	ng	99
74) Di-n-butylphthalate	17.933	149	4992513	44.419	ng	100
75) Fluoranthene	19.004	202	4847308	43.208	ng	99
77) Benzidine	19.221	184	1366537	49.735	ng	100
78) Pyrene	19.368	202	4993825	43.996	ng	100
80) Butylbenzylphthalate	20.292	149	2265786	46.084	ng	98
81) Benzo(a)anthracene	21.145	228	4623741	45.116	ng	100
82) 3,3'-Dichlorobenzidine	21.092	252	1427008	40.631	ng	100
83) Chrysene	21.203	228	4237464	44.081	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	3144468	45.547	ng	99
85) Di-n-octyl phthalate	22.150	149	5617129	46.655	ng	100
87) Indeno(1,2,3-cd)pyrene	27.056	276	5084220	48.254	ng	100
88) Benzo(b)fluoranthene	23.080	252	4844385	46.651	ng	99
89) Benzo(k)fluoranthene	23.139	252	4655346	47.232	ng	100
90) Benzo(a)pyrene	23.821	252	4183781	46.366	ng	99
91) Dibenzo(a,h)anthracene	27.109	278	4278055	49.014	ng	99
92) Benzo(g,h,i)perylene	28.021	276	4257516	47.023	ng	100

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

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