Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044600.D
Acq On : 13 Mar 2024 16:46
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Mar 14 01:55:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 01:48:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	241079	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	957634	20.000	ng		0.00
39) Acenaphthene-d10	14.351	164	549170	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	1076849	20.000	ng		0.00
76) Chrysene-d12	21.304	240	944233	20.000	ng		0.00
86) Perylene-d12	23.550	264	1088504	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.310	112	1664729	99.145	ng		0.00
7) Phenol-d6	6.881	99	2172022	100.550	ng		0.00
23) Nitrobenzene-d5	8.869	82	2014736	101.355	ng		0.00
42) 2,4,6-Tribromophenol	15.851	330	624734	103.140	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	3909849	98.052	ng		0.00
79) Terphenyl-d14	19.745	244	5383902	99.746	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	343165	48.624	ng		99
3) Pyridine	3.675	79	983706	50.373	ng		99
4) n-Nitrosodimethylamine	3.599	42	393639	50.327	ng		99
6) Aniline	7.046	93	1305705	51.036	ng		99
8) 2-Chlorophenol	7.269	128	837397	50.071	ng		99
9) Benzaldehyde	6.863	77	541690	47.880	ng		98
10) Phenol	6.904	94	1087288	50.399	ng		100
11) bis(2-Chloroethyl)ether	7.146	93	877560	49.821	ng		98
12) 1,3-Dichlorobenzene	7.593	146	881732	49.032	ng		98
13) 1,4-Dichlorobenzene	7.740	146	888161	49.004	ng		99
14) 1,2-Dichlorobenzene	8.051	146	841889	48.709	ng		99
15) Benzyl Alcohol	7.951	79	737416	51.924	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.240	45	1204658	49.328	ng		99
17) 2-Methylphenol	8.146	107	749883	50.967	ng		99
18) Hexachloroethane	8.763	117	332097	49.565	ng		99
19) n-Nitroso-di-n-propyla...	8.516	70	691669	52.430	ng		99
20) 3+4-Methylphenols	8.475	107	1026078	51.678	ng		98
22) Acetophenone	8.528	105	1262618	50.186	ng	#	99
24) Nitrobenzene	8.910	77	988943	50.329	ng		99
25) Isophorone	9.428	82	1789920	52.189	ng		99
26) 2-Nitrophenol	9.610	139	446643	52.677	ng		100
27) 2,4-Dimethylphenol	9.669	122	762727	51.152	ng		100
28) bis(2-Chloroethoxy)met...	9.916	93	1147535	50.385	ng		99
29) 2,4-Dichlorophenol	10.134	162	731202	51.452	ng		99
30) 1,2,4-Trichlorobenzene	10.345	180	746871	49.401	ng		100
31) Naphthalene	10.534	128	2603497	49.538	ng		100
32) Benzoic acid	9.822	122	601405	50.347	ng		99
33) 4-Chloroaniline	10.657	127	1135487	51.500	ng		100
34) Hexachlorobutadiene	10.804	225	414933	49.224	ng		99
35) Caprolactam	11.457	113	255412	55.679	ng		98
36) 4-Chloro-3-methylphenol	11.781	107	821002	52.647	ng		99
37) 2-Methylnaphthalene	12.151	142	1799233	50.439	ng		98
38) 1-Methylnaphthalene	12.375	142	1672935	50.321	ng		99
40) 1,2,4,5-Tetrachloroben...	12.522	216	768666	49.323	ng		100
41) Hexachlorocyclopentadiene	12.492	237	455228	51.275	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	547639	52.042	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	641078	51.414	ng	99
46) 1,1'-Biphenyl	13.181	154	2128014	49.545	ng	100
47) 2-Chloronaphthalene	13.222	162	1568107	49.372	ng	99
48) 2-Nitroaniline	13.439	65	578842	53.712	ng	100
49) Acenaphthylene	14.069	152	2620219	50.642	ng	100
50) Dimethylphthalate	13.822	163	2062052	50.200	ng	100
51) 2,6-Dinitrotoluene	13.945	165	442574	51.740	ng	97
52) Acenaphthene	14.416	154	1577532	50.437	ng	100
53) 3-Nitroaniline	14.275	138	536721	53.585	ng	99
54) 2,4-Dinitrophenol	14.480	184	267460	49.606	ng	97
55) Dibenzofuran	14.751	168	2457996	49.517	ng	100
56) 4-Nitrophenol	14.575	139	435889	52.987	ng	98
57) 2,4-Dinitrotoluene	14.733	165	599313	53.621	ng	98
58) Fluorene	15.404	166	1917195	49.596	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	495153	51.148	ng	99
60) Diethylphthalate	15.192	149	2121187	51.012	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	919700	49.559	ng	99
62) 4-Nitroaniline	15.445	138	546437	54.614	ng	98
63) Azobenzene	15.698	77	2231598	51.918	ng	99
65) 4,6-Dinitro-2-methylph...	15.492	198	351623	52.067	ng	97
66) n-Nitrosodiphenylamine	15.622	169	1681218	50.095	ng	98
67) 4-Bromophenyl-phenylether	16.304	248	557125	50.018	ng	99
68) Hexachlorobenzene	16.398	284	590863	49.903	ng	97
69) Atrazine	16.586	200	537714	51.273	ng	99
70) Pentachlorophenol	16.751	266	456078	53.551	ng	98
71) Phenanthrene	17.145	178	2950055	49.573	ng	100
72) Anthracene	17.239	178	2987261	50.051	ng	100
73) Carbazole	17.516	167	2844574	50.604	ng	100
74) Di-n-butylphthalate	18.086	149	3806254	52.549	ng	100
75) Fluoranthene	19.168	202	3349614	50.353	ng	100
77) Benzidine	19.368	184	1349923	56.972	ng	99
78) Pyrene	19.533	202	3489237	50.419	ng	100
80) Butylbenzylphthalate	20.451	149	1690609	54.205	ng	100
81) Benzo(a)anthracene	21.286	228	3297869	50.196	ng	99
82) 3,3'-Dichlorobenzidine	21.227	252	1184857	52.364	ng	100
83) Chrysene	21.339	228	3116883	49.648	ng	98
84) Bis(2-ethylhexyl)phtha...	21.233	149	2529999	53.844	ng	99
85) Di-n-octyl phthalate	22.121	149	4465068	54.783	ng	100
87) Indeno(1,2,3-cd)pyrene	25.833	276	3977695	50.550	ng	100
88) Benzo(b)fluoranthene	22.880	252	3196520	49.970	ng	99
89) Benzo(k)fluoranthene	22.921	252	3321106	50.503	ng	100
90) Benzo(a)pyrene	23.456	252	3177375	50.926	ng	100
91) Dibenzo(a,h)anthracene	25.850	278	3385533	51.034	ng	99
92) Benzo(g,h,i)perylene	26.527	276	3286327	50.324	ng	99

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

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