Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032824\
Data File : BM044802.D
Acq On : 28 Mar 2024 20:26
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Mar 29 01:13:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 01:06:23 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	95302	20.000	ng	0.00
21) Naphthalene-d8	10.457	136	356694	20.000	ng	0.00
39) Acenaphthene-d10	14.321	164	180651	20.000	ng	0.00
64) Phenanthrene-d10	17.080	188	297814	20.000	ng	0.00
76) Chrysene-d12	21.280	240	237666	20.000	ng	0.00
86) Perylene-d12	23.515	264	298960	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	512525	77.022	ng	0.00
7) Phenol-d6	6.857	99	660451	76.517	ng	0.00
23) Nitrobenzene-d5	8.839	82	629458	79.553	ng	0.00
42) 2,4,6-Tribromophenol	15.821	330	154480	78.255	ng	0.00
45) 2-Fluorobiphenyl	12.939	172	1107968	78.553	ng	0.00
79) Terphenyl-d14	19.721	244	1068814	76.213	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.269	88	101043	38.424	ng	100
3) Pyridine	3.657	79	288962	39.103	ng	100
4) n-Nitrosodimethylamine	3.581	42	146242	37.718	ng	100
6) Aniline	7.022	93	384049	38.205	ng	100
8) 2-Chlorophenol	7.245	128	257762	38.243	ng	100
9) Benzaldehyde	6.839	77	169192	37.697	ng	100
10) Phenol	6.881	94	324524	38.081	ng	100
11) bis(2-Chloroethyl)ether	7.122	93	261013	38.908	ng	100
12) 1,3-Dichlorobenzene	7.563	146	270286	38.384	ng	100
13) 1,4-Dichlorobenzene	7.710	146	272476	38.081	ng	100
14) 1,2-Dichlorobenzene	8.022	146	261587	37.924	ng	100
15) Benzyl Alcohol	7.922	79	225440	38.242	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.210	45	382256	37.728	ng	100
17) 2-Methylphenol	8.122	107	227006	37.733	ng	100
18) Hexachloroethane	8.733	117	107256	38.449	ng	100
19) n-Nitroso-di-n-propyla...	8.486	70	196857	37.690	ng	100
20) 3+4-Methylphenols	8.445	107	308315	37.925	ng	100
22) Acetophenone	8.504	105	380429	39.325	ng	100
24) Nitrobenzene	8.880	77	306809	39.693	ng	100
25) Isophorone	9.404	82	495474	38.834	ng	100
26) 2-Nitrophenol	9.580	139	137162	40.259	ng	100
27) 2,4-Dimethylphenol	9.639	122	220103	39.349	ng	100
28) bis(2-Chloroethoxy)met...	9.886	93	316375	39.443	ng	100
29) 2,4-Dichlorophenol	10.110	162	218918	40.326	ng	100
30) 1,2,4-Trichlorobenzene	10.316	180	225118	39.406	ng	100
31) Naphthalene	10.504	128	769421	39.270	ng	100
32) Benzoic acid	9.780	122	164134	39.089	ng	100
33) 4-Chloroaniline	10.627	127	317121	39.269	ng	100
34) Hexachlorobutadiene	10.769	225	131561	38.787	ng	100
35) Caprolactam	11.427	113	62014	39.209	ng	100
36) 4-Chloro-3-methylphenol	11.757	107	218047	38.626	ng	100
37) 2-Methylnaphthalene	12.121	142	495056	38.504	ng	100
38) 1-Methylnaphthalene	12.345	142	460249	38.406	ng	100
40) 1,2,4,5-Tetrachloroben...	12.492	216	223229	39.509	ng	100
41) Hexachlorocyclopentadiene	12.457	237	126887	41.845	ng	100
43) 2,4,6-Trichlorophenol	12.745	196	149667	39.581	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.816	196	172642	39.644	ng	100
46) 1,1'-Biphenyl	13.151	154	574440	39.292	ng	100
47) 2-Chloronaphthalene	13.192	162	434384	39.501	ng	100
48) 2-Nitroaniline	13.410	65	152530	40.044	ng	100
49) Acenaphthylene	14.045	152	682790	39.175	ng	100
50) Dimethylphthalate	13.792	163	490851	38.642	ng	100
51) 2,6-Dinitrotoluene	13.921	165	109303	39.705	ng	100
52) Acenaphthene	14.386	154	399782	38.772	ng	100
53) 3-Nitroaniline	14.251	138	127385	40.622	ng	100
54) 2,4-Dinitrophenol	14.463	184	58675	38.036	ng	100
55) Dibenzofuran	14.727	168	625441	38.660	ng	100
56) 4-Nitrophenol	14.563	139	95190	39.443	ng	100
57) 2,4-Dinitrotoluene	14.710	165	138307	40.043	ng	100
58) Fluorene	15.380	166	481303	38.715	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.951	232	121332	39.047	ng	100
60) Diethylphthalate	15.162	149	461514	38.698	ng	100
61) 4-Chlorophenyl-phenyle...	15.380	204	227755	38.609	ng	100
62) 4-Nitroaniline	15.415	138	122075	40.536	ng	100
63) Azobenzene	15.668	77	523536	39.393	ng	100
65) 4,6-Dinitro-2-methylph...	15.468	198	74991	40.462	ng	100
66) n-Nitrosodiphenylamine	15.598	169	390769	39.581	ng	100
67) 4-Bromophenyl-phenylether	16.274	248	129262	39.648	ng	100
68) Hexachlorobenzene	16.374	284	138126	39.141	ng	100
69) Atrazine	16.556	200	111837	41.448	ng	100
70) Pentachlorophenol	16.727	266	96321	41.239	ng	100
71) Phenanthrene	17.121	178	656423	39.508	ng	100
72) Anthracene	17.209	178	670622	39.961	ng	100
73) Carbazole	17.492	167	611283	40.792	ng	100
74) Di-n-butylphthalate	18.062	149	675005	41.015	ng	100
75) Fluoranthene	19.145	202	680895	41.055	ng	100
77) Benzidine	19.350	184	228437	44.578	ng	100
78) Pyrene	19.509	202	710888	37.537	ng	100
80) Butylbenzylphthalate	20.427	149	273006	39.636	ng	100
81) Benzo(a)anthracene	21.262	228	658568	39.753	ng	100
82) 3,3'-Dichlorobenzidine	21.203	252	237129	41.278	ng	100
83) Chrysene	21.315	228	626853	39.479	ng	100
84) Bis(2-ethylhexyl)phtha...	21.203	149	383013	40.796	ng	100
85) Di-n-octyl phthalate	22.091	149	656291	41.310	ng	100
87) Indeno(1,2,3-cd)pyrene	25.768	276	899474	39.608	ng	100
88) Benzo(b)fluoranthene	22.844	252	653244	38.560	ng	100
89) Benzo(k)fluoranthene	22.891	252	690346	40.581	ng	100
90) Benzo(a)pyrene	23.415	252	685373	39.865	ng	100
91) Dibenzo(a,h)anthracene	25.785	278	746344	39.682	ng	100
92) Benzo(g,h,i)perylene	26.462	276	766700	39.180	ng	100

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

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