Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120721\
Data File : BM033328.D
Acq On : 07 Dec 2021 17:52
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Dec 08 01:42:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:34:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	68666	20.000	ng	0.00
21) Naphthalene-d8	10.713	136	282077	20.000	ng	0.00
39) Acenaphthene-d10	14.542	164	192687	20.000	ng	0.00
64) Phenanthrene-d10	17.278	188	416317	20.000	ng	0.00
76) Chrysene-d12	21.442	240	399336	20.000	ng	0.00
86) Perylene-d12	23.765	264	384322	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	339182	81.571	ng	0.00
7) Phenol-d6	7.090	99	477536	85.751	ng	0.00
23) Nitrobenzene-d5	9.078	82	528592	86.994	ng	0.00
42) 2,4,6-Tribromophenol	16.031	330	173674	82.683	ng	0.00
45) 2-Fluorobiphenyl	13.166	172	1066135	78.032	ng	0.00
79) Terphenyl-d14	19.889	244	1672145	82.799	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.402	88	89950	50.740	ng	100
3) Pyridine	3.808	79	208588	46.321	ng	100
4) n-Nitrosodimethylamine	3.714	42	115397	50.456	ng	100
6) Aniline	7.249	93	274671	43.802	ng	100
8) 2-Chlorophenol	7.484	128	182543	42.164	ng	100
9) Benzaldehyde	7.061	77	143769	38.008	ng	100
10) Phenol	7.119	94	239153	42.463	ng	100
11) bis(2-Chloroethyl)ether	7.343	93	184324	42.777	ng	100
12) 1,3-Dichlorobenzene	7.802	146	206316	40.558	ng	100
13) 1,4-Dichlorobenzene	7.949	146	210201	40.393	ng	100
14) 1,2-Dichlorobenzene	8.266	146	204696	41.185	ng	100
15) Benzyl Alcohol	8.160	79	200169	46.187	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.443	45	331455	43.401	ng	100
17) 2-Methylphenol	8.360	107	165701	44.570	ng	100
18) Hexachloroethane	8.990	117	81850	43.320	ng	100
19) n-Nitroso-di-n-propyla...	8.719	70	172748	46.654	ng	100
20) 3+4-Methylphenols	8.690	107	227223	45.122	ng	100
22) Acetophenone	8.743	105	311508	42.910	ng	100
24) Nitrobenzene	9.119	77	252206	43.086	ng	100
25) Isophorone	9.649	82	419484	44.145	ng	100
26) 2-Nitrophenol	9.831	139	99725	45.675	ng	100
27) 2,4-Dimethylphenol	9.890	122	155467	41.694	ng	100
28) bis(2-Chloroethoxy)met...	10.125	93	257392	41.577	ng	100
29) 2,4-Dichlorophenol	10.366	162	176886	41.879	ng	100
30) 1,2,4-Trichlorobenzene	10.572	180	198188	39.532	ng	100
31) Naphthalene	10.760	128	607204	40.808	ng	100
32) Benzoic acid	10.031	122	116220	52.782	ng	100
33) 4-Chloroaniline	10.878	127	242434	42.365	ng	100
34) Hexachlorobutadiene	11.037	225	123249	39.770	ng	100
35) Caprolactam	11.672	113	38724	47.897	ng	100
36) 4-Chloro-3-methylphenol	12.001	107	219406	45.692	ng	100
37) 2-Methylnaphthalene	12.366	142	424419	41.897	ng	100
38) 1-Methylnaphthalene	12.590	142	411865	41.674	ng	100
40) 1,2,4,5-Tetrachloroben...	12.731	216	218051	37.704	ng	100
41) Hexachlorocyclopentadiene	12.707	237	119214	41.521	ng	100
43) 2,4,6-Trichlorophenol	12.978	196	151948	41.129	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.054	196	163929	40.502	ng	100
46) 1,1'-Biphenyl	13.378	154	569259	39.292	ng	100
47) 2-Chloronaphthalene	13.419	162	430063	38.849	ng	100
48) 2-Nitroaniline	13.631	65	170021	47.516	ng	100
49) Acenaphthylene	14.266	152	709726	41.051	ng	100
50) Dimethylphthalate	14.001	163	566105	41.338	ng	100
51) 2,6-Dinitrotoluene	14.119	165	117271	42.775	ng	100
52) Acenaphthene	14.607	154	422623	39.782	ng	100
53) 3-Nitroaniline	14.454	138	130715	44.743	ng	100
54) 2,4-Dinitrophenol	14.654	184	69549	48.279	ng	100
55) Dibenzofuran	14.937	168	704088	39.857	ng	100
56) 4-Nitrophenol	14.772	139	106121	45.322	ng	100
57) 2,4-Dinitrotoluene	14.907	165	162954	45.374	ng	100
58) Fluorene	15.589	166	564925	40.840	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.166	232	144004	40.668	ng	100
60) Diethylphthalate	15.354	149	585726	43.108	ng	100
61) 4-Chlorophenyl-phenyle...	15.578	204	280852	39.816	ng	100
62) 4-Nitroaniline	15.613	138	142898	47.168	ng	100
63) Azobenzene	15.872	77	662555	44.049	ng	100
65) 4,6-Dinitro-2-methylph...	15.666	198	104445	48.436	ng	100
66) n-Nitrosodiphenylamine	15.795	169	491144	40.212	ng	100
67) 4-Bromophenyl-phenylether	16.472	248	170970	39.285	ng	100
68) Hexachlorobenzene	16.583	284	180870	37.865	ng	100
69) Atrazine	16.742	200	107572	42.157	ng	100
70) Pentachlorophenol	16.930	266	111808	39.723	ng	100
71) Phenanthrene	17.325	178	910398	39.783	ng	100
72) Anthracene	17.413	178	902728	40.891	ng	100
73) Carbazole	17.683	167	899197	40.942	ng	100
74) Di-n-butylphthalate	18.236	149	1006733	44.127	ng	100
75) Fluoranthene	19.330	202	1054854	40.113	ng	100
77) Benzidine	19.519	184	220475	49.105	ng	100
78) Pyrene	19.689	202	1102929	41.957	ng	100
80) Butylbenzylphthalate	20.577	149	468484	47.646	ng	100
81) Benzo(a)anthracene	21.424	228	1039164	40.543	ng	100
82) 3,3'-Dichlorobenzidine	21.360	252	483319	41.749	ng	100
83) Chrysene	21.477	228	1002315	40.145	ng	100
84) Bis(2-ethylhexyl)phtha...	21.342	149	646347	46.679	ng	100
85) Di-n-octyl phthalate	22.248	149	1075150	45.728	ng	100
87) Indeno(1,2,3-cd)pyrene	26.153	276	1035221	39.232	ng	100
88) Benzo(b)fluoranthene	23.065	252	991278	42.467	ng	100
89) Benzo(k)fluoranthene	23.112	252	923997	39.451	ng	100
90) Benzo(a)pyrene	23.665	252	803244	41.088	ng	100
91) Dibenzo(a,h)anthracene	26.165	278	870299	39.390	ng	100
92) Benzo(g,h,i)perylene	26.883	276	861202	39.078	ng	100

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

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