Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112421\
Data File : BM033257.D
Acq On : 24 Nov 2021 21:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Nov 26 05:47:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 24 15:16:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.937	152	152342	20.000	ng		0.00
21) Naphthalene-d8	10.736	136	594417	20.000	ng	#	0.00
39) Acenaphthene-d10	14.560	164	371445	20.000	ng		0.00
64) Phenanthrene-d10	17.295	188	735361	20.000	ng	#	0.00
76) Chrysene-d12	21.453	240	675689	20.000	ng		0.00
86) Perylene-d12	23.788	264	687334	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.513	112	721451	78.205	ng		0.00
7) Phenol-d6	7.101	99	998750	80.837	ng		0.00
23) Nitrobenzene-d5	9.101	82	988336	77.188	ng		0.00
42) 2,4,6-Tribromophenol	16.042	330	323544	79.905	ng		0.00
45) 2-Fluorobiphenyl	13.183	172	1996479	75.802	ng		0.00
79) Terphenyl-d14	19.901	244	2697748	78.949	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.425	88	135413	34.430	ng	#	77
3) Pyridine	3.825	79	383530	38.389	ng	#	82
4) n-Nitrosodimethylamine	3.737	42	183428	36.150	ng	#	67
6) Aniline	7.266	93	545073	39.179	ng		96
8) 2-Chlorophenol	7.501	128	384461	40.026	ng		97
9) Benzaldehyde	7.084	77	301696	42.670	ng		96
10) Phenol	7.131	94	498294	39.879	ng		89
11) bis(2-Chloroethyl)ether	7.360	93	373391	39.058	ng		97
12) 1,3-Dichlorobenzene	7.825	146	424804	37.641	ng		94
13) 1,4-Dichlorobenzene	7.972	146	435422	37.714	ng		98
14) 1,2-Dichlorobenzene	8.289	146	418363	37.941	ng		98
15) Benzyl Alcohol	8.178	79	384079	39.945	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.460	45	624371	36.850	ng		94
17) 2-Methylphenol	8.378	107	332248	40.281	ng		93
18) Hexachloroethane	9.013	117	163482	39.000	ng		94
19) n-Nitroso-di-n-propyla...	8.742	70	322840	39.299	ng		93
20) 3+4-Methylphenols	8.707	107	460453	41.213	ng		95
22) Acetophenone	8.760	105	587387	38.396	ng	#	93
24) Nitrobenzene	9.142	77	467629	37.910	ng		96
25) Isophorone	9.666	82	796843	39.794	ng		99
26) 2-Nitrophenol	9.848	139	204787	44.509	ng	#	86
27) 2,4-Dimethylphenol	9.907	122	309562	39.397	ng		96
28) bis(2-Chloroethoxy)met...	10.142	93	506298	38.810	ng		98
29) 2,4-Dichlorophenol	10.383	162	363680	40.860	ng		96
30) 1,2,4-Trichlorobenzene	10.595	180	397671	37.642	ng		98
31) Naphthalene	10.783	128	1184041	37.762	ng		100
32) Benzoic acid	10.025	122	162726	33.668	ng		93
33) 4-Chloroaniline	10.895	127	467664	38.781	ng		98
34) Hexachlorobutadiene	11.060	225	242444	37.124	ng		98
35) Caprolactam	11.695	113	72801	42.731	ng		97
36) 4-Chloro-3-methylphenol	12.013	107	395894	39.124	ng		99
37) 2-Methylnaphthalene	12.389	142	808381	37.869	ng		94
38) 1-Methylnaphthalene	12.607	142	788555	37.863	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.754	216	424747	38.099	ng	#	95
41) Hexachlorocyclopentadiene	12.730	237	168557	30.454	ng		98
43) 2,4,6-Trichlorophenol	12.995	196	297079	41.714	ng		95

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44) 2,4,5-Trichlorophenol	13.066	196	313227	40.145	ng		94
46) 1,1'-Biphenyl	13.395	154	1064271	38.107	ng		99
47) 2-Chloronaphthalene	13.436	162	816151	38.245	ng		99
48) 2-Nitroaniline	13.642	65	282657	40.978	ng		96
49) Acenaphthylene	14.283	152	1287816	38.641	ng		100
50) Dimethylphthalate	14.019	163	1004527	38.051	ng		100
51) 2,6-Dinitrotoluene	14.136	165	210792	39.885	ng	#	76
52) Acenaphthene	14.624	154	770686	37.633	ng		99
53) 3-Nitroaniline	14.466	138	229038	40.669	ng		98
54) 2,4-Dinitrophenol	14.671	184	22815	8.216	ng	#	75
55) Dibenzofuran	14.954	168	1270739	37.316	ng		92
56) 4-Nitrophenol	14.777	139	184963	40.978	ng	#	78
57) 2,4-Dinitrotoluene	14.918	165	278723	40.260	ng	#	72
58) Fluorene	15.607	166	983514	36.884	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.183	232	268551	39.342	ng	#	83
60) Diethylphthalate	15.371	149	1009690	38.549	ng		95
61) 4-Chlorophenyl-phenyle...	15.595	204	502406	36.948	ng		92
62) 4-Nitroaniline	15.624	138	243708	41.730	ng	#	77
63) Azobenzene	15.889	77	1124193	38.771	ng		90
65) 4,6-Dinitro-2-methylph...	15.677	198	66223	17.387	ng		87
66) n-Nitrosodiphenylamine	15.813	169	856976	39.723	ng		98
67) 4-Bromophenyl-phenylether	16.489	248	308489	40.131	ng		90
68) Hexachlorobenzene	16.601	284	329753	39.082	ng	#	81
69) Atrazine	16.754	200	193893	43.018	ng		97
70) Pentachlorophenol	16.948	266	191317	38.481	ng		98
71) Phenanthrene	17.336	178	1526373	37.762	ng		99
72) Anthracene	17.430	178	1517417	38.913	ng		100
73) Carbazole	17.701	167	1482804	38.223	ng		97
74) Di-n-butylphthalate	18.254	149	1737946	43.127	ng	#	98
75) Fluoranthene	19.342	202	1715675	36.936	ng		97
77) Benzidine	19.524	184	421398	55.469	ng		99
78) Pyrene	19.706	202	1771553	39.829	ng		100
80) Butylbenzylphthalate	20.589	149	792560	47.638	ng		99
81) Benzo(a)anthracene	21.442	228	1655100	38.163	ng		99
82) 3,3'-Dichlorobenzidine	21.371	252	791832	40.424	ng		100
83) Chrysene	21.489	228	1582406	37.457	ng		99
84) Bis(2-ethylhexyl)phtha...	21.359	149	1125829	48.053	ng	#	94
85) Di-n-octyl phthalate	22.265	149	1861861	46.801	ng		98
87) Indeno(1,2,3-cd)pyrene	26.177	276	1775708	37.628	ng		98
88) Benzo(b)fluoranthene	23.083	252	1597562	38.269	ng		98
89) Benzo(k)fluoranthene	23.130	252	1511490	36.085	ng		100
90) Benzo(a)pyrene	23.683	252	1315944	37.638	ng		99
91) Dibenzo(a,h)anthracene	26.194	278	1490321	37.716	ng		97
92) Benzo(g,h,i)perylene	26.918	276	1476612	37.464	ng		97

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

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