Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
Data File : BM029630.D
Acq On : 24 Apr 2021 10:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 26 03:04:49 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	71196	20.00	ng		0.00
21) Naphthalene-d8	10.404	136	272964	20.00	ng		-0.01
39) Acenaphthene-d10	14.274	164	194891	20.00	ng		0.00
64) Phenanthrene-d10	17.015	188	431547	20.00	ng		0.00
76) Chrysene-d12	21.198	240	477905	20.00	ng		0.00
86) Perylene-d12	23.391	264	489224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.222	112	287693	81.01	ng		0.00
7) Phenol-d6	6.810	99	431419	81.34	ng		0.00
23) Nitrobenzene-d5	8.781	82	434078	81.90	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	235818	87.49	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1231834	85.79	ng		0.00
79) Terphenyl-d14	19.651	244	2061943	81.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	57729	40.32	ng		98
3) Pyridine	3.557	79	149508	40.97	ng		98
4) n-Nitrosodimethylamine	3.469	42	67930	37.94	ng		97
6) Aniline	6.963	93	236635	40.58	ng		98
8) 2-Chlorophenol	7.193	128	178460	40.42	ng		98
9) Benzaldehyde	6.775	77	100387	33.29	ng		94
10) Phenol	6.834	94	207928	40.45	ng		99
11) bis(2-Chloroethyl)ether	7.063	93	150072	38.27	ng		98
12) 1,3-Dichlorobenzene	7.516	146	205922	40.47	ng		98
13) 1,4-Dichlorobenzene	7.663	146	207658	39.86	ng		98
14) 1,2-Dichlorobenzene	7.975	146	207410	39.93	ng		97
15) Benzyl Alcohol	7.869	79	159997	41.52	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.157	45	187632	36.30	ng		99
17) 2-Methylphenol	8.075	107	143461	40.05	ng		98
18) Hexachloroethane	8.692	117	75196	39.97	ng		92
19) n-Nitroso-di-n-propyla...	8.434	70	149891	38.75	ng		95
20) 3+4-Methylphenols	8.398	107	201133	40.83	ng		93
22) Acetophenone	8.445	105	274843	42.00	ng	#	98
24) Nitrobenzene	8.822	77	217889	40.65	ng		99
25) Isophorone	9.345	82	408907	41.05	ng		100
26) 2-Nitrophenol	9.528	139	105651	41.46	ng		98
27) 2,4-Dimethylphenol	9.598	122	149293	41.73	ng		98
28) bis(2-Chloroethoxy)met...	9.828	93	201306	40.91	ng		97
29) 2,4-Dichlorophenol	10.063	162	201953	42.80	ng		98
30) 1,2,4-Trichlorobenzene	10.275	180	224508	41.31	ng		100
31) Naphthalene	10.457	128	572134	40.77	ng		99
32) Benzoic acid	9.751	122	110200	37.10	ng		97
33) 4-Chloroaniline	10.575	127	233392	42.17	ng		99
34) Hexachlorobutadiene	10.739	225	151326	43.73	ng		99
35) Caprolactam	11.363	113	56974	39.87	ng		95
36) 4-Chloro-3-methylphenol	11.704	107	190494	41.31	ng		99
37) 2-Methylnaphthalene	12.075	142	449855	40.04	ng		99
38) 1-Methylnaphthalene	12.298	142	426042	39.77	ng		100
40) 1,2,4,5-Tetrachloroben...	12.451	216	262292	44.88	ng		99
41) Hexachlorocyclopentadiene	12.427	237	145023	44.47	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	183984	45.79	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	198126	44.67	ng	98
46) 1,1'-Biphenyl	13.104	154	603536	42.36	ng	99
47) 2-Chloronaphthalene	13.139	162	484223	42.47	ng	100
48) 2-Nitroaniline	13.351	65	126181	40.11	ng	97
49) Acenaphthylene	13.992	152	743648	42.54	ng	99
50) Dimethylphthalate	13.739	163	606466	41.17	ng	99
51) 2,6-Dinitrotoluene	13.857	165	139511	43.03	ng	94
52) Acenaphthene	14.339	154	454576	41.51	ng	99
53) 3-Nitroaniline	14.186	138	120707	40.59	ng	98
54) 2,4-Dinitrophenol	14.398	184	82121	41.93	ng	87
55) Dibenzofuran	14.674	168	766749	41.47	ng	98
56) 4-Nitrophenol	14.504	139	98465	41.05	ng	99
57) 2,4-Dinitrotoluene	14.651	165	189950	43.38	ng	94
58) Fluorene	15.327	166	636626	41.01	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	172693	43.76	ng	96
60) Diethylphthalate	15.110	149	592210	40.96	ng	97
61) 4-Chlorophenyl-phenyle...	15.321	204	328612	41.83	ng	97
62) 4-Nitroaniline	15.351	138	125465	39.49	ng	100
63) Azobenzene	15.616	77	553530	40.32	ng	96
65) 4,6-Dinitro-2-methylph...	15.416	198	120317	41.94	ng	94
66) n-Nitrosodiphenylamine	15.539	169	548591	41.12	ng	99
67) 4-Bromophenyl-phenylether	16.215	248	195533	43.39	ng	97
68) Hexachlorobenzene	16.327	284	214346	41.84	ng	96
69) Atrazine	16.492	200	204091	42.88	ng	99
70) Pentachlorophenol	16.674	266	138531	41.53	ng	98
71) Phenanthrene	17.062	178	984986	39.64	ng	100
72) Anthracene	17.151	178	997903	40.70	ng	100
73) Carbazole	17.421	167	919303	40.03	ng	99
74) Di-n-butylphthalate	17.992	149	1037808	41.62	ng	100
75) Fluoranthene	19.080	202	1207359	40.07	ng	99
77) Benzidine	19.268	184	446664	44.14	ng	100
78) Pyrene	19.439	202	1257849	40.91	ng	99
80) Butylbenzylphthalate	20.351	149	494239	42.94	ng	93
81) Benzo(a)anthracene	21.186	228	1266347	40.05	ng	99
82) 3,3'-Dichlorobenzidine	21.121	252	428349	42.41	ng	98
83) Chrysene	21.239	228	1246479	40.12	ng	99
84) Bis(2-ethylhexyl)phtha...	21.127	149	784039	42.50	ng	99
85) Di-n-octyl phthalate	21.986	149	1330216	42.97	ng	99
87) Indeno(1,2,3-cd)pyrene	25.591	276	1498410	39.61	ng	99
88) Benzo(b)fluoranthene	22.733	252	1310925	41.09	ng	98
89) Benzo(k)fluoranthene	22.780	252	1254896	39.25	ng	99
90) Benzo(a)pyrene	23.297	252	1213079	40.50	ng	99
91) Dibenzo(a,h)anthracene	25.597	278	1290778	39.58	ng	99
92) Benzo(g,h,i)perylene	26.262	276	1205775	39.98	ng	98

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

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