Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033021\
Data File : BM029284.D
Acq On : 30 Mar 2021 23:41
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040EC

Quant Time: Mar 31 00:31:28 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 29 11:14:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.745	152	133799	20.00	ng		0.00
21) Naphthalene-d8	10.528	136	523463	20.00	ng		0.00
39) Acenaphthene-d10	14.380	164	320097	20.00	ng		0.00
64) Phenanthrene-d10	17.115	188	612569	20.00	ng		0.00
76) Chrysene-d12	21.286	240	562277	20.00	ng		0.00
86) Perylene-d12	23.521	264	569363	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	620174	79.90	ng		0.00
7) Phenol-d6	6.928	99	905202	81.27	ng		0.00
23) Nitrobenzene-d5	8.898	82	895793	83.09	ng		0.00
42) 2,4,6-Tribromophenol	15.868	330	247377	83.45	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	1848855	81.93	ng		0.00
79) Terphenyl-d14	19.739	244	2485498	88.80	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.287	88	124256	35.22	ng		98
3) Pyridine	3.681	79	334874	39.38	ng		98
4) n-Nitrosodimethylamine	3.593	42	159380	41.76	ng		93
6) Aniline	7.081	93	489721	40.58	ng		97
8) 2-Chlorophenol	7.316	128	358771	40.96	ng		99
9) Benzaldehyde	6.893	77	277852	39.72	ng		96
10) Phenol	6.951	94	444700	40.41	ng		96
11) bis(2-Chloroethyl)ether	7.175	93	332423	42.21	ng		99
12) 1,3-Dichlorobenzene	7.640	146	385996	39.39	ng		99
13) 1,4-Dichlorobenzene	7.781	146	396008	39.86	ng		99
14) 1,2-Dichlorobenzene	8.098	146	381505	39.95	ng		96
15) Benzyl Alcohol	7.987	79	347714	43.15	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.281	45	513844	42.56	ng		98
17) 2-Methylphenol	8.193	107	299036	42.29	ng		97
18) Hexachloroethane	8.822	117	158321	43.86	ng		97
19) n-Nitroso-di-n-propyla...	8.551	70	314631	43.78	ng		95
20) 3+4-Methylphenols	8.516	107	406204	42.92	ng		99
22) Acetophenone	8.563	105	526404	40.17	ng	#	99
24) Nitrobenzene	8.940	77	455332	40.46	ng		99
25) Isophorone	9.469	82	812319	43.86	ng		99
26) 2-Nitrophenol	9.645	139	189119	50.40	ng		97
27) 2,4-Dimethylphenol	9.716	122	296420	41.21	ng		97
28) bis(2-Chloroethoxy)met...	9.945	93	421628	43.06	ng		98
29) 2,4-Dichlorophenol	10.181	162	316633	40.48	ng		99
30) 1,2,4-Trichlorobenzene	10.392	180	355149	39.99	ng		100
31) Naphthalene	10.581	128	1103414	39.99	ng		99
32) Benzoic acid	9.869	122	226666	48.63	ng		94
33) 4-Chloroaniline	10.686	127	433649	39.77	ng		99
34) Hexachlorobutadiene	10.869	225	214489	41.58	ng		98
35) Caprolactam	11.475	113	103931	41.23	ng		97
36) 4-Chloro-3-methylphenol	11.822	107	357644	42.82	ng		95
37) 2-Methylnaphthalene	12.192	142	791528	41.03	ng		99
38) 1-Methylnaphthalene	12.416	142	751295	40.94	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	363025	40.47	ng		99
41) Hexachlorocyclopentadiene	12.545	237	194670	39.55	ng		98
43) 2,4,6-Trichlorophenol	12.810	196	258426	44.25	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	248391	38.26	ng	99
46) 1,1'-Biphenyl	13.210	154	988651	40.63	ng	99
47) 2-Chloronaphthalene	13.251	162	775936	40.50	ng	100
48) 2-Nitroaniline	13.457	65	259279	41.83	ng	99
49) Acenaphthylene	14.098	152	1219000	41.82	ng	100
50) Dimethylphthalate	13.839	163	927229	41.45	ng	100
51) 2,6-Dinitrotoluene	13.951	165	209729	43.35	ng	94
52) Acenaphthene	14.445	154	741590	40.04	ng	100
53) 3-Nitroaniline	14.286	138	207634	42.39	ng	96
54) 2,4-Dinitrophenol	14.486	184	91916	36.17	ng	97
55) Dibenzofuran	14.774	168	1154962	39.63	ng	99
56) 4-Nitrophenol	14.598	139	174705	39.04	ng	99
57) 2,4-Dinitrotoluene	14.739	165	281179	40.20	ng	98
58) Fluorene	15.427	166	962967	40.76	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.004	232	192249	36.13	ng	98
60) Diethylphthalate	15.204	149	972096	44.11	ng	99
61) 4-Chlorophenyl-phenyle...	15.421	204	446220	40.94	ng	98
62) 4-Nitroaniline	15.445	138	222839	38.90	ng	99
63) Azobenzene	15.716	77	1114113	44.23	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	139507	38.82	ng	98
66) n-Nitrosodiphenylamine	15.639	169	823366	41.99	ng	99
67) 4-Bromophenyl-phenylether	16.316	248	248215	44.20	ng	97
68) Hexachlorobenzene	16.427	284	269901	40.85	ng	99
69) Atrazine	16.586	200	278052	44.91	ng	99
70) Pentachlorophenol	16.768	266	97255	23.90	ng	97
71) Phenanthrene	17.157	178	1407626	39.63	ng	99
72) Anthracene	17.251	178	1418632	41.10	ng	100
73) Carbazole	17.521	167	1360489	40.06	ng	99
74) Di-n-butylphthalate	18.086	149	1681625	51.34	ng	100
75) Fluoranthene	19.168	202	1565575	39.89	ng	99
77) Benzidine	19.357	184	605315	37.26	ng	100
78) Pyrene	19.533	202	1603438	42.12	ng	100
80) Butylbenzylphthalate	20.433	149	765118	52.59	ng	96
81) Benzo(a)anthracene	21.274	228	1504272	40.99	ng	100
82) 3,3'-Dichlorobenzidine	21.209	252	495459	45.17	ng	98
83) Chrysene	21.321	228	1453125	39.58	ng	100
84) Bis(2-ethylhexyl)phtha...	21.209	149	1163283	55.18	ng	99
85) Di-n-octyl phthalate	22.086	149	1961323	56.49	ng	99
87) Indeno(1,2,3-cd)pyrene	25.785	276	1671208	40.13	ng	99
88) Benzo(b)fluoranthene	22.850	252	1515558	40.92	ng	100
89) Benzo(k)fluoranthene	22.897	252	1427519	39.67	ng	100
90) Benzo(a)pyrene	23.427	252	1369180	40.81	ng	98
91) Dibenzo(a,h)anthracene	25.797	278	1431077	40.15	ng	100
92) Benzo(g,h,i)perylene	26.480	276	1360959	38.97	ng	98

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

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