Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029515.D
Acq On : 16 Apr 2021 10:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 16 11:57:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.675	152	101470	20.00	ng		0.00
21) Naphthalene-d8	10.457	136	373560	20.00	ng		0.00
39) Acenaphthene-d10	14.316	164	194802	20.00	ng		0.00
64) Phenanthrene-d10	17.057	188	354759	20.00	ng		0.00
76) Chrysene-d12	21.233	240	316070	20.00	ng		# 0.00
86) Perylene-d12	23.439	264	326537	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	503860	81.99	ng		0.00
7) Phenol-d6	6.851	99	709610	81.79	ng		0.00
23) Nitrobenzene-d5	8.828	82	709754	87.11	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	166257	85.39	ng		0.00
45) 2-Fluorobiphenyl	12.933	172	1211280	86.63	ng		0.00
79) Terphenyl-d14	19.686	244	1397352	83.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.210	88	110986	41.55	ng		95
3) Pyridine	3.610	79	281979	41.77	ng		94
4) n-Nitrosodimethylamine	3.522	42	158234	49.14	ng		94
6) Aniline	7.010	93	382390	40.37	ng		98
8) 2-Chlorophenol	7.240	128	277592	40.81	ng		95
9) Benzaldehyde	6.822	77	207883	38.07	ng		94
10) Phenol	6.875	94	344023	40.32	ng		97
11) bis(2-Chloroethyl)ether	7.110	93	259352	40.14	ng		99
12) 1,3-Dichlorobenzene	7.563	146	297616	40.20	ng		96
13) 1,4-Dichlorobenzene	7.710	146	302017	40.10	ng		98
14) 1,2-Dichlorobenzene	8.022	146	291122	40.19	ng		99
15) Benzyl Alcohol	7.916	79	264636	41.37	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.204	45	419060	43.27	ng		99
17) 2-Methylphenol	8.116	107	223103	40.14	ng		96
18) Hexachloroethane	8.745	117	124088	42.13	ng		93
19) n-Nitroso-di-n-propyla...	8.481	70	240619	41.02	ng		97
20) 3+4-Methylphenols	8.445	107	302324	40.11	ng		98
22) Acetophenone	8.492	105	399151	41.31	ng	#	95
24) Nitrobenzene	8.869	77	362975	43.41	ng		97
25) Isophorone	9.392	82	595740	40.86	ng		97
26) 2-Nitrophenol	9.575	139	135283	40.50	ng		90
27) 2,4-Dimethylphenol	9.639	122	213100	40.63	ng		95
28) bis(2-Chloroethoxy)met...	9.875	93	302453	40.15	ng		98
29) 2,4-Dichlorophenol	10.104	162	227908	39.24	ng		97
30) 1,2,4-Trichlorobenzene	10.322	180	239354	38.14	ng		99
31) Naphthalene	10.504	128	799397	40.61	ng		99
32) Benzoic acid	9.775	122	158494	40.00	ng		88
33) 4-Chloroaniline	10.616	127	310266	39.11	ng		97
34) Hexachlorobutadiene	10.792	225	141672	38.33	ng		99
35) Caprolactam	11.404	113	67165	36.78	ng		91
36) 4-Chloro-3-methylphenol	11.745	107	251166	40.16	ng		92
37) 2-Methylnaphthalene	12.122	142	547009	39.42	ng		97
38) 1-Methylnaphthalene	12.345	142	518533	39.50	ng		96
40) 1,2,4,5-Tetrachloroben...	12.492	216	223685	40.94	ng	#	95
41) Hexachlorocyclopentadiene	12.475	237	134586	42.46	ng		98
43) 2,4,6-Trichlorophenol	12.739	196	162229	41.84	ng		98

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44) 2,4,5-Trichlorophenol	12.804	196	174559	41.74	ng	#	93
46) 1,1'-Biphenyl	13.145	154	657017	43.57	ng		98
47) 2-Chloronaphthalene	13.186	162	505354	43.32	ng		97
48) 2-Nitroaniline	13.392	65	182928	47.01	ng		94
49) Acenaphthylene	14.033	152	786168	43.20	ng		99
50) Dimethylphthalate	13.780	163	581068	41.31	ng		100
51) 2,6-Dinitrotoluene	13.892	165	131921	42.13	ng	#	80
52) Acenaphthene	14.380	154	479520	42.62	ng		99
53) 3-Nitroaniline	14.222	138	133711	41.84	ng		95
54) 2,4-Dinitrophenol	14.427	184	70208	42.60	ng	#	78
55) Dibenzofuran	14.716	168	737812	41.82	ng		96
56) 4-Nitrophenol	14.527	139	113183	41.57	ng		88
57) 2,4-Dinitrotoluene	14.680	165	171967	41.47	ng	#	86
58) Fluorene	15.363	166	603019	41.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.939	232	132962	41.34	ng		89
60) Diethylphthalate	15.145	149	597977	41.62	ng		97
61) 4-Chlorophenyl-phenyle...	15.363	204	263648	39.78	ng		91
62) 4-Nitroaniline	15.386	138	137647	40.95	ng		92
63) Azobenzene	15.651	77	761976	46.09	ng		95
65) 4,6-Dinitro-2-methylph...	15.445	198	91767	40.47	ng		91
66) n-Nitrosodiphenylamine	15.574	169	501832	42.77	ng		99
67) 4-Bromophenyl-phenylether	16.257	248	142346	40.38	ng		94
68) Hexachlorobenzene	16.368	284	158253	40.88	ng		93
69) Atrazine	16.533	200	153331	39.22	ng		100
70) Pentachlorophenol	16.710	266	103475	49.94	ng		97
71) Phenanthrene	17.098	178	855278	41.69	ng		100
72) Anthracene	17.192	178	843174	41.62	ng		99
73) Carbazole	17.457	167	817444	41.32	ng		98
74) Di-n-butylphthalate	18.027	149	965850	42.59	ng		98
75) Fluoranthene	19.115	202	882992	38.63	ng		99
77) Benzidine	19.304	184	384353	37.49	ng		100
78) Pyrene	19.474	202	920500	41.91	ng		100
80) Butylbenzylphthalate	20.386	149	420223	42.49	ng		90
81) Benzo(a)anthracene	21.221	228	835824	39.62	ng		100
82) 3,3'-Dichlorobenzidine	21.156	252	275611	38.89	ng		99
83) Chrysene	21.274	228	809850	39.21	ng		100
84) Bis(2-ethylhexyl)phtha...	21.162	149	641572	42.17	ng	#	98
85) Di-n-octyl phthalate	22.027	149	1047984	40.13	ng		95
87) Indeno(1,2,3-cd)pyrene	25.668	276	1001401	41.60	ng		98
88) Benzo(b)fluoranthene	22.780	252	863457	40.27	ng		99
89) Benzo(k)fluoranthene	22.827	252	820920	40.03	ng		99
90) Benzo(a)pyrene	23.344	252	791080	40.35	ng		97
91) Dibenzo(a,h)anthracene	25.674	278	862832	41.75	ng		98
92) Benzo(g,h,i)perylene	26.344	276	823809	41.35	ng		96

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

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