Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028507.D
Acq On : 22 Jan 2021 02:34
Operator : CG/JU
Sample : M1169-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-DMSD

Quant Time: Jan 22 03:06:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	34218	20.00	ng		-0.02
21) Naphthalene-d8	10.833	136	133396	20.00	ng		#-0.02
39) Acenaphthene-d10	14.663	164	73507	20.00	ng		-0.01
64) Phenanthrene-d10	17.386	188	142068	20.00	ng		#-0.02
76) Chrysene-d12	21.515	240	138549	20.00	ng		#-0.02
86) Perylene-d12	23.797	264	141791	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	122614	56.60	ng		-0.01
7) Phenol-d6	7.175	99	157333	53.34	ng		-0.01
23) Nitrobenzene-d5	9.192	82	100874	35.87	ng		-0.02
42) 2,4,6-Tribromophenol	16.139	330	52504	53.91	ng		-0.02
45) 2-Fluorobiphenyl	13.280	172	171365	29.25	ng		-0.02
79) Terphenyl-d14	19.974	244	178429	23.26	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	31674	36.45	ng	#	67
3) Pyridine	3.752	79	91553	38.05	ng	#	54
4) n-Nitrosodimethylamine	3.657	42	55229	39.92	ng	#	59
6) Aniline	7.334	93	53220	16.65	ng		98
8) 2-Chlorophenol	7.575	128	110781	46.00	ng		97
9) Benzaldehyde	7.145	77	69385	45.21	ng		84
10) Phenol	7.204	94	130283	46.87	ng		86
11) bis(2-Chloroethyl)ether	7.434	93	98835	44.09	ng		93
12) 1,3-Dichlorobenzene	7.904	146	122968	43.26	ng	#	92
13) 1,4-Dichlorobenzene	8.051	146	124500	43.32	ng		99
14) 1,2-Dichlorobenzene	8.369	146	118796	43.09	ng		99
15) Benzyl Alcohol	8.263	79	90442	44.01	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.557	45	156650	38.72	ng		71
17) 2-Methylphenol	8.469	107	87998	45.72	ng	#	88
18) Hexachloroethane	9.104	117	45523	42.08	ng		91
19) n-Nitroso-di-n-propyla...	8.834	70	75310	42.88	ng	#	67
20) 3+4-Methylphenols	8.798	107	117960	45.69	ng		90
22) Acetophenone	8.851	105	150505	43.52	ng	#	88
24) Nitrobenzene	9.234	77	115800	42.65	ng	#	89
25) Isophorone	9.763	82	195846	45.45	ng		95
26) 2-Nitrophenol	9.945	139	58823	47.87	ng	#	84
27) 2,4-Dimethylphenol	10.004	122	93590	52.38	ng		90
28) bis(2-Chloroethoxy)met...	10.239	93	124609	40.97	ng		98
29) 2,4-Dichlorophenol	10.481	162	96351	45.20	ng		99
30) 1,2,4-Trichlorobenzene	10.698	180	104204	41.15	ng		98
31) Naphthalene	10.886	128	328437	43.57	ng		99
32) Benzoic acid	10.157	122	72699	45.22	ng	#	86
33) 4-Chloroaniline	10.992	127	38139	12.18	ng		92
34) Hexachlorobutadiene	11.157	225	59836	39.61	ng		99
35) Caprolactam	11.798	113	29627	42.94	ng	#	62
36) 4-Chloro-3-methylphenol	12.122	107	100256	45.23	ng		94
37) 2-Methylnaphthalene	12.486	142	228342	43.95	ng		96
38) 1-Methylnaphthalene	12.710	142	213832	43.38	ng		99
40) 1,2,4,5-Tetrachloroben...	12.857	216	107198	44.22	ng		99
41) Hexachlorocyclopentadiene	12.827	237	100426	88.67	ng		100
43) 2,4,6-Trichlorophenol	13.098	196	72644	44.67	ng		97

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44) 2,4,5-Trichlorophenol	13.169	196	78205	46.47	ng		98
46) 1,1'-Biphenyl	13.498	154	274743	43.80	ng		100
47) 2-Chloronaphthalene	13.539	162	214854	41.91	ng		98
48) 2-Nitroaniline	13.745	65	66584	41.42	ng		89
49) Acenaphthylene	14.386	152	340517	44.76	ng		100
50) Dimethylphthalate	14.116	163	255201	42.23	ng		100
51) 2,6-Dinitrotoluene	14.239	165	57180	44.48	ng		88
52) Acenaphthene	14.727	154	208200	44.08	ng		99
53) 3-Nitroaniline	14.568	138	31178	21.51	ng		92
54) 2,4-Dinitrophenol	14.780	184	50424	65.85	ng		91
55) Dibenzofuran	15.057	168	315261	43.40	ng		99
56) 4-Nitrophenol	14.874	139	107458	94.17	ng	#	76
57) 2,4-Dinitrotoluene	15.027	165	78007	45.55	ng	#	90
58) Fluorene	15.704	166	259221	43.56	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.280	232	67090	45.10	ng		94
60) Diethylphthalate	15.468	149	251973	41.07	ng		99
61) 4-Chlorophenyl-phenyle...	15.692	204	120730	41.19	ng		96
62) 4-Nitroaniline	15.727	138	56933	36.08	ng	#	80
63) Azobenzene	15.986	77	245968	42.71	ng		90
65) 4,6-Dinitro-2-methylph...	15.786	198	35458	40.17	ng		81
66) n-Nitrosodiphenylamine	15.910	169	220935	46.44	ng		97
67) 4-Bromophenyl-phenylether	16.580	248	74349	44.19	ng		96
68) Hexachlorobenzene	16.698	284	83711	42.82	ng		97
69) Atrazine	16.851	200	61412	43.55	ng		97
70) Pentachlorophenol	17.039	266	107182	100.59	ng		99
71) Phenanthrene	17.433	178	453302	51.88	ng		99
72) Anthracene	17.521	178	410975	48.70	ng		98
73) Carbazole	17.786	167	365942	45.72	ng		99
74) Di-n-butylphthalate	18.333	149	431944	44.86	ng		99
75) Fluoranthene	19.427	202	554223	56.48	ng		97
77) Benzidine	19.603	184	185791	59.63	ng		99
78) Pyrene	19.786	202	561060	56.48	ng		99
80) Butylbenzylphthalate	20.656	149	194734	44.46	ng		98
81) Benzo(a)anthracene	21.503	228	476105	49.76	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	114657	37.29	ng	#	99
83) Chrysene	21.556	228	457669	49.55	ng		100
84) Bis(2-ethylhexyl)phtha...	21.415	149	287151	46.36	ng		96
85) Di-n-octyl phthalate	22.303	149	497312	47.49	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.132	276	525483	49.74	ng	#	90
88) Benzo(b)fluoranthene	23.109	252	478434	49.70	ng	#	96
89) Benzo(k)fluoranthene	23.156	252	447337	47.59	ng	#	96
90) Benzo(a)pyrene	23.703	252	439121	49.23	ng	#	97
91) Dibenzo(a,h)anthracene	26.138	278	421926	48.27	ng	#	94
92) Benzo(g,h,i)perylene	26.850	276	441524	51.36	ng	#	93

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

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