Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028493.D
Acq On : 21 Jan 2021 18:02
Operator : CG/JU
Sample : PB134248BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB134248BS

Quant Time: Jan 21 18:37:19 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	8.022	152	37091	20.00	ng		-0.01
21) Naphthalene-d8	10.839	136	149989	20.00	ng		#-0.01
39) Acenaphthene-d10	14.663	164	81443	20.00	ng		-0.01
64) Phenanthrene-d10	17.392	188	141094	20.00	ng		-0.01
76) Chrysene-d12	21.521	240	111581	20.00	ng		#-0.01
86) Perylene-d12	23.803	264	108825	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	287410	122.40	ng		0.00
7) Phenol-d6	7.187	99	366182	114.54	ng		0.00
23) Nitrobenzene-d5	9.198	82	229850	72.68	ng		-0.01
42) 2,4,6-Tribromophenol	16.145	330	114351	105.97	ng		-0.01
45) 2-Fluorobiphenyl	13.286	172	491751	75.75	ng		-0.01
79) Terphenyl-d14	19.980	244	461936	74.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	28051	29.78	ng	#	66
3) Pyridine	3.752	79	81798	31.36	ng	#	50
4) n-Nitrosodimethylamine	3.663	42	54717	36.49	ng	#	59
6) Aniline	7.340	93	92093	26.59	ng		98
8) 2-Chlorophenol	7.581	128	113987	43.66	ng		95
9) Benzaldehyde	7.151	77	67723	40.71	ng		81
10) Phenol	7.210	94	131989	43.81	ng		88
11) bis(2-Chloroethyl)ether	7.440	93	100618	41.41	ng		92
12) 1,3-Dichlorobenzene	7.904	146	118326	38.41	ng	#	93
13) 1,4-Dichlorobenzene	8.057	146	122033	39.17	ng		98
14) 1,2-Dichlorobenzene	8.375	146	117514	39.32	ng		99
15) Benzyl Alcohol	8.269	79	94427	42.39	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.557	45	163634	37.31	ng		71
17) 2-Methylphenol	8.469	107	91021	43.62	ng	#	89
18) Hexachloroethane	9.110	117	45563	38.85	ng		91
19) n-Nitroso-di-n-propyla...	8.839	70	78957	41.47	ng	#	65
20) 3+4-Methylphenols	8.804	107	123104	43.99	ng		90
22) Acetophenone	8.857	105	154663	39.77	ng	#	89
24) Nitrobenzene	9.239	77	119562	39.17	ng	#	88
25) Isophorone	9.769	82	204630	42.23	ng		95
26) 2-Nitrophenol	9.951	139	60483	43.78	ng	#	82
27) 2,4-Dimethylphenol	10.010	122	98450	49.01	ng		90
28) bis(2-Chloroethoxy)met...	10.245	93	132731	38.81	ng		99
29) 2,4-Dichlorophenol	10.486	162	101419	42.31	ng		99
30) 1,2,4-Trichlorobenzene	10.698	180	108069	37.96	ng		99
31) Naphthalene	10.886	128	339998	40.12	ng		99
32) Benzoic acid	10.163	122	70722	39.12	ng	#	86
33) 4-Chloroaniline	10.998	127	44904	12.75	ng		92
34) Hexachlorobutadiene	11.163	225	63140	37.17	ng		99
35) Caprolactam	11.798	113	27728	35.74	ng	#	54
36) 4-Chloro-3-methylphenol	12.122	107	101514	40.73	ng		92
37) 2-Methylnaphthalene	12.492	142	238086	40.76	ng		96
38) 1-Methylnaphthalene	12.716	142	222773	40.19	ng		99
40) 1,2,4,5-Tetrachloroben...	12.863	216	112574	41.91	ng		98
41) Hexachlorocyclopentadiene	12.833	237	147466	117.51	ng		99
43) 2,4,6-Trichlorophenol	13.098	196	75505	41.90	ng		99

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44) 2,4,5-Trichlorophenol	13.174	196	78683	42.20	ng		95
46) 1,1'-Biphenyl	13.498	154	288776	41.55	ng		99
47) 2-Chloronaphthalene	13.545	162	222921	39.25	ng		98
48) 2-Nitroaniline	13.751	65	64079	35.98	ng	#	86
49) Acenaphthylene	14.386	152	343514	40.76	ng		100
50) Dimethylphthalate	14.121	163	246709	36.85	ng		100
51) 2,6-Dinitrotoluene	14.245	165	55865	39.22	ng		88
52) Acenaphthene	14.727	154	205888	39.34	ng		99
53) 3-Nitroaniline	14.568	138	27513	17.13	ng		90
54) 2,4-Dinitrophenol	14.780	184	66301	78.15	ng		92
55) Dibenzofuran	15.063	168	315361	39.18	ng		99
56) 4-Nitrophenol	14.874	139	93754	74.15	ng	#	75
57) 2,4-Dinitrotoluene	15.027	165	73046	38.50	ng		93
58) Fluorene	15.704	166	254163	38.55	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.286	232	64361	39.05	ng		94
60) Diethylphthalate	15.474	149	243447	35.81	ng		99
61) 4-Chlorophenyl-phenyle...	15.698	204	120862	37.21	ng		95
62) 4-Nitroaniline	15.727	138	53326	30.50	ng	#	83
63) Azobenzene	15.986	77	242833	38.05	ng		90
65) 4,6-Dinitro-2-methylph...	15.786	198	40374	46.06	ng	#	78
66) n-Nitrosodiphenylamine	15.910	169	212358	44.95	ng		98
67) 4-Bromophenyl-phenylether	16.586	248	70729	42.33	ng		96
68) Hexachlorobenzene	16.698	284	80259	41.33	ng		95
69) Atrazine	16.851	200	54609	38.99	ng		99
70) Pentachlorophenol	17.045	266	94338	89.14	ng		98
71) Phenanthrene	17.433	178	354492	40.85	ng		99
72) Anthracene	17.521	178	360781	43.04	ng		99
73) Carbazole	17.792	167	310193	39.03	ng		100
74) Di-n-butylphthalate	18.339	149	366997	38.37	ng		99
75) Fluoranthene	19.427	202	359053	36.84	ng		97
77) Benzidine	19.603	184	110341	43.97	ng		99
78) Pyrene	19.786	202	362394	45.30	ng		99
80) Butylbenzylphthalate	20.662	149	148380	42.06	ng		97
81) Benzo(a)anthracene	21.509	228	313730	40.72	ng		99
82) 3,3'-Dichlorobenzidine	21.439	252	64994	26.25	ng	#	99
83) Chrysene	21.556	228	305425	41.06	ng		100
84) Bis(2-ethylhexyl)phtha...	21.421	149	209903	42.08	ng		97
85) Di-n-octyl phthalate	22.309	149	352516	41.80	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.138	276	353672	43.62	ng	#	90
88) Benzo(b)fluoranthene	23.115	252	314745	42.60	ng	#	95
89) Benzo(k)fluoranthene	23.162	252	304086	42.15	ng	#	97
90) Benzo(a)pyrene	23.709	252	283568	41.42	ng	#	97
91) Dibenzo(a,h)anthracene	26.144	278	299377	44.63	ng	#	93
92) Benzo(g,h,i)perylene	26.856	276	299372	45.37	ng	#	92

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

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