Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012221\
Data File : BM028513.D
Acq On : 22 Jan 2021 11:12
Operator : CG/JU
Sample : PB134230BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB134230BSD

Quant Time: Jan 22 12:06:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 22 10:45:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	38246	20.00	ng		0.00
21) Naphthalene-d8	10.834	136	150659	20.00	ng	#	0.00
39) Acenaphthene-d10	14.657	164	79339	20.00	ng		0.00
64) Phenanthrene-d10	17.386	188	138503	20.00	ng	#	0.00
76) Chrysene-d12	21.515	240	107467	20.00	ng	#	0.00
86) Perylene-d12	23.797	264	102883	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	191942	79.28	ng		0.00
7) Phenol-d6	7.181	99	240029	72.81	ng		0.00
23) Nitrobenzene-d5	9.192	82	265946	83.72	ng		0.00
42) 2,4,6-Tribromophenol	16.139	330	73121	69.56	ng		0.00
45) 2-Fluorobiphenyl	13.286	172	572184	90.48	ng		0.00
79) Terphenyl-d14	19.974	244	591570	99.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	28385	29.22	ng	#	65
3) Pyridine	3.752	79	83642	31.10	ng	#	53
4) n-Nitrosodimethylamine	3.658	42	53756	34.76	ng	#	59
6) Aniline	7.334	93	71544	20.03	ng		97
8) 2-Chlorophenol	7.575	128	111052	41.25	ng		97
9) Benzaldehyde	7.146	77	67530	39.37	ng		86
10) Phenol	7.204	94	128243	41.28	ng		88
11) bis(2-Chloroethyl)ether	7.434	93	99866	39.86	ng		92
12) 1,3-Dichlorobenzene	7.904	146	118349	37.25	ng	#	93
13) 1,4-Dichlorobenzene	8.051	146	121280	37.75	ng		98
14) 1,2-Dichlorobenzene	8.375	146	116381	37.77	ng		98
15) Benzyl Alcohol	8.263	79	89032	38.76	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.551	45	162742	35.99	ng		71
17) 2-Methylphenol	8.469	107	89013	41.37	ng	#	89
18) Hexachloroethane	9.104	117	45138	37.33	ng		93
19) n-Nitroso-di-n-propyla...	8.834	70	76552	39.00	ng	#	65
20) 3+4-Methylphenols	8.798	107	118280	40.99	ng		90
22) Acetophenone	8.851	105	153252	39.23	ng	#	89
24) Nitrobenzene	9.240	77	116963	38.14	ng	#	86
25) Isophorone	9.763	82	200222	41.14	ng		96
26) 2-Nitrophenol	9.945	139	58593	42.22	ng	#	83
27) 2,4-Dimethylphenol	10.004	122	94819	46.99	ng		90
28) bis(2-Chloroethoxy)met...	10.239	93	129366	37.66	ng		99
29) 2,4-Dichlorophenol	10.481	162	97199	40.37	ng		99
30) 1,2,4-Trichlorobenzene	10.692	180	106938	37.39	ng		97
31) Naphthalene	10.886	128	333208	39.14	ng		99
32) Benzoic acid	10.163	122	66434	36.58	ng	#	84
33) 4-Chloroaniline	10.992	127	38961	11.02	ng	#	91
34) Hexachlorobutadiene	11.157	225	61914	36.29	ng		98
35) Caprolactam	11.798	113	26462	33.96	ng	#	68
36) 4-Chloro-3-methylphenol	12.116	107	95645	38.21	ng		92
37) 2-Methylnaphthalene	12.492	142	232204	39.57	ng		96
38) 1-Methylnaphthalene	12.710	142	215599	38.72	ng		99
40) 1,2,4,5-Tetrachloroben...	12.857	216	109838	41.97	ng		98
41) Hexachlorocyclopentadiene	12.828	237	144744	118.40	ng		100
43) 2,4,6-Trichlorophenol	13.092	196	71122	40.52	ng		99

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44) 2,4,5-Trichlorophenol	13.169	196	74780	41.17	ng		98
46) 1,1'-Biphenyl	13.498	154	280057	41.36	ng		99
47) 2-Chloronaphthalene	13.539	162	214963	38.85	ng		97
48) 2-Nitroaniline	13.745	65	60364	34.79	ng		89
49) Acenaphthylene	14.386	152	330027	40.19	ng		100
50) Dimethylphthalate	14.116	163	239467	36.72	ng		100
51) 2,6-Dinitrotoluene	14.239	165	53060	38.24	ng		90
52) Acenaphthene	14.722	154	198440	38.93	ng		98
53) 3-Nitroaniline	14.563	138	21829	13.96	ng		89
54) 2,4-Dinitrophenol	14.774	184	61578	74.51	ng		93
55) Dibenzofuran	15.057	168	301888	38.50	ng		99
56) 4-Nitrophenol	14.874	139	87458	71.01	ng	#	75
57) 2,4-Dinitrotoluene	15.022	165	69146	37.41	ng		91
58) Fluorene	15.704	166	241422	37.59	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.280	232	60880	37.91	ng		93
60) Diethylphthalate	15.469	149	233202	35.22	ng		99
61) 4-Chlorophenyl-phenyle...	15.692	204	116573	36.84	ng		95
62) 4-Nitroaniline	15.721	138	48568	28.52	ng	#	81
63) Azobenzene	15.980	77	232403	37.38	ng		90
65) 4,6-Dinitro-2-methylph...	15.780	198	37648	43.75	ng	#	75
66) n-Nitrosodiphenylamine	15.904	169	202313	43.62	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	68778	41.93	ng		95
68) Hexachlorobenzene	16.698	284	77402	40.61	ng		98
69) Atrazine	16.845	200	51379	37.37	ng		98
70) Pentachlorophenol	17.039	266	88754	85.44	ng		98
71) Phenanthrene	17.427	178	334101	39.22	ng		99
72) Anthracene	17.521	178	342785	41.66	ng		99
73) Carbazole	17.786	167	293600	37.63	ng		99
74) Di-n-butylphthalate	18.333	149	357366	38.07	ng		99
75) Fluoranthene	19.421	202	341158	35.66	ng		96
77) Benzidine	19.604	184	85234	35.27	ng		99
78) Pyrene	19.780	202	342147	44.40	ng		99
80) Butylbenzylphthalate	20.656	149	139781	41.14	ng		97
81) Benzo(a)anthracene	21.503	228	294214	39.64	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	56942	23.88	ng	#	99
83) Chrysene	21.551	228	285584	39.86	ng		99
84) Bis(2-ethylhexyl)phtha...	21.415	149	199825	41.60	ng		97
85) Di-n-octyl phthalate	22.303	149	330947	40.75	ng	#	90
87) Indeno(1,2,3-cd)pyrene	26.121	276	326108	42.54	ng	#	90
88) Benzo(b)fluoranthene	23.109	252	295191	42.26	ng	#	96
89) Benzo(k)fluoranthene	23.156	252	277240	40.65	ng	#	97
90) Benzo(a)pyrene	23.697	252	260174	40.20	ng	#	96
91) Dibenzo(a,h)anthracene	26.133	278	273323	43.10	ng	#	94
92) Benzo(g,h,i)perylene	26.838	276	272030	43.61	ng	#	91

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

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