Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012721\
Data File : BM028573.D
Acq On : 27 Jan 2021 17:20
Operator : CG/JU
Sample : M1236-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PS1419LNMSD

Quant Time: Jan 27 18:05:24 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 27 13:20:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	26873	20.00	ng		0.00
21) Naphthalene-d8	10.780	136	103669	20.00	ng		# 0.00
39) Acenaphthene-d10	14.615	164	54323	20.00	ng		0.00
64) Phenanthrene-d10	17.345	188	105643	20.00	ng		# 0.00
76) Chrysene-d12	21.486	240	105815	20.00	ng		# 0.00
86) Perylene-d12	23.750	264	112212	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	143909	84.59	ng		0.00
7) Phenol-d6	7.175	99	183256	79.12	ng		-0.01
23) Nitrobenzene-d5	9.145	82	112274	51.37	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	59523	82.70	ng		0.00
45) 2-Fluorobiphenyl	13.239	172	222756	51.45	ng		0.00
79) Terphenyl-d14	19.939	244	256973	43.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	23261	34.08	ng	#	68
3) Pyridine	3.716	79	67767	35.86	ng	#	54
4) n-Nitrosodimethylamine	3.622	42	40050	36.86	ng	#	63
6) Aniline	7.287	93	53819	21.44	ng		97
8) 2-Chlorophenol	7.545	128	83595	44.19	ng		95
9) Benzaldehyde	7.098	77	40493	33.59	ng		81
10) Phenol	7.198	94	99973	45.80	ng		86
11) bis(2-Chloroethyl)ether	7.392	93	74498	42.32	ng		93
12) 1,3-Dichlorobenzene	7.851	146	91279	40.89	ng	#	92
13) 1,4-Dichlorobenzene	8.004	146	92959	41.18	ng		97
14) 1,2-Dichlorobenzene	8.322	146	88643	40.94	ng		99
15) Benzyl Alcohol	8.222	79	66645	41.29	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.504	45	113765	35.81	ng		72
17) 2-Methylphenol	8.451	107	64487	42.66	ng	#	89
18) Hexachloroethane	9.051	117	34005	40.02	ng		91
19) n-Nitroso-di-n-propyla...	8.786	70	55283	40.08	ng	#	69
20) 3+4-Methylphenols	8.786	107	87046	42.93	ng		88
22) Acetophenone	8.804	105	112647	41.91	ng	#	87
24) Nitrobenzene	9.186	77	84627	40.11	ng	#	86
25) Isophorone	9.710	82	143706	42.91	ng		95
26) 2-Nitrophenol	9.898	139	43746	45.81	ng	#	81
27) 2,4-Dimethylphenol	9.975	122	68600	49.41	ng		91
28) bis(2-Chloroethoxy)met...	10.192	93	92101	38.96	ng		98
29) 2,4-Dichlorophenol	10.463	162	70520	42.57	ng		97
30) 1,2,4-Trichlorobenzene	10.645	180	78015	39.64	ng		97
31) Naphthalene	10.833	128	242522	41.40	ng		99
32) Benzoic acid	10.145	122	47273	37.83	ng	#	84
33) 4-Chloroaniline	10.945	127	44378	18.24	ng		92
34) Hexachlorobutadiene	11.104	225	44782	38.14	ng		99
35) Caprolactam	11.745	113	21630	40.34	ng	#	65
36) 4-Chloro-3-methylphenol	12.110	107	71846	41.71	ng		93
37) 2-Methylnaphthalene	12.439	142	167042	41.37	ng		96
38) 1-Methylnaphthalene	12.663	142	156118	40.75	ng		100
40) 1,2,4,5-Tetrachloroben...	12.810	216	78592	43.86	ng		98
41) Hexachlorocyclopentadiene	12.780	237	88570	105.82	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	52066	43.32	ng		96

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44) 2,4,5-Trichlorophenol	13.168	196	55910	44.95	ng	#	98
46) 1,1'-Biphenyl	13.451	154	201578	43.48	ng		100
47) 2-Chloronaphthalene	13.498	162	156557	41.32	ng		99
48) 2-Nitroaniline	13.704	65	46943	39.51	ng		89
49) Acenaphthylene	14.339	152	245669	43.70	ng		100
50) Dimethylphthalate	14.074	163	185406	41.52	ng		100
51) 2,6-Dinitrotoluene	14.198	165	41532	43.72	ng	#	87
52) Acenaphthene	14.680	154	146537	41.98	ng		98
53) 3-Nitroaniline	14.527	138	24732	23.09	ng		90
54) 2,4-Dinitrophenol	14.745	184	48425	85.58	ng		87
55) Dibenzofuran	15.015	168	225498	42.01	ng		98
56) 4-Nitrophenol	14.904	139	74544	88.39	ng	#	76
57) 2,4-Dinitrotoluene	14.986	165	56672	44.78	ng		87
58) Fluorene	15.657	166	184649	41.99	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	47525	43.23	ng		96
60) Diethylphthalate	15.427	149	180025	39.71	ng		99
61) 4-Chlorophenyl-phenyle...	15.651	204	87514	40.40	ng		97
62) 4-Nitroaniline	15.692	138	44438	38.11	ng	#	80
63) Azobenzene	15.945	77	171781	40.36	ng		90
65) 4,6-Dinitro-2-methylph...	15.745	198	31591	48.13	ng		80
66) n-Nitrosodiphenylamine	15.868	169	157646	44.56	ng		98
67) 4-Bromophenyl-phenylether	16.539	248	52292	41.80	ng		96
68) Hexachlorobenzene	16.657	284	59618	41.01	ng		97
69) Atrazine	16.809	200	43824	41.79	ng		97
70) Pentachlorophenol	17.009	266	69003	87.08	ng		98
71) Phenanthrene	17.386	178	274716	42.28	ng		99
72) Anthracene	17.480	178	284089	45.27	ng		99
73) Carbazole	17.751	167	261885	44.00	ng		100
74) Di-n-butylphthalate	18.298	149	297088	41.49	ng		98
75) Fluoranthene	19.386	202	310772	42.59	ng		97
77) Benzidine	19.568	184	142610	59.93	ng		100
78) Pyrene	19.745	202	318304	41.95	ng		99
80) Butylbenzylphthalate	20.627	149	137985	41.25	ng		95
81) Benzo(a)anthracene	21.468	228	307334	42.06	ng		100
82) 3,3'-Dichlorobenzidine	21.403	252	57610	24.53	ng	#	99
83) Chrysene	21.521	228	300923	42.66	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	196483	41.54	ng		97
85) Di-n-octyl phthalate	22.268	149	350872	43.87	ng	#	92
87) Indeno(1,2,3-cd)pyrene	26.062	276	383605	45.88	ng	#	90
88) Benzo(b)fluoranthene	23.068	252	337785	44.34	ng	#	97
89) Benzo(k)fluoranthene	23.109	252	309450	41.60	ng	#	95
90) Benzo(a)pyrene	23.656	252	302651	42.87	ng	#	96
91) Dibenzo(a,h)anthracene	26.068	278	323166	46.72	ng	#	94
92) Benzo(g,h,i)perylene	26.768	276	319875	47.02	ng	#	91

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

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