Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022421\
Data File : BM028885.D
Acq On : 24 Feb 2021 18:45
Operator : CG/JU
Sample : M1469-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TR-08-022321MSD

Manual Integrations APPROVED
mohammad
2/25/2021 1:11:26 PM

Quant Time: Feb 25 00:12:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 23 16:39:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	19324	20.00	ng	0.00
21) Naphthalene-d8	10.610	136	80833	20.00	ng	# 0.00
39) Acenaphthene-d10	14.468	164	48794	20.00	ng	0.00
64) Phenanthrene-d10	17.209	188	101412	20.00	ng	0.00
76) Chrysene-d12	21.374	240	78349	20.00	ng	# 0.00
86) Perylene-d12	23.585	264	71024	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	135415	116.15	ng	0.00
7) Phenol-d6	6.998	99	174426	113.27	ng	0.00
23) Nitrobenzene-d5	8.986	82	106212	70.89	ng	0.00
42) 2,4,6-Tribromophenol	15.962	330	67183	116.17	ng	0.00
45) 2-Fluorobiphenyl	13.086	172	243143	66.34	ng	0.00
79) Terphenyl-d14	19.827	244	302935	71.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.169	88	14300	32.62	ng	# 65
3) Pyridine	3.599	79	42634	36.85	ng	# 56
4) n-Nitrosodimethylamine	3.510	42	27057	41.86	ng	# 59
6) Aniline	7.139	93	28328	17.20	ng	98
8) 2-Chlorophenol	7.369	128	62537	45.16	ng	94
9) Benzaldehyde	6.945	77	17553	20.91	ng	# 77
10) Phenol	7.022	94	77690	50.77	ng	87
11) bis(2-Chloroethyl)ether	7.239	93	53393	45.99	ng	95
12) 1,3-Dichlorobenzene	7.686	146	64849	42.94	ng	# 93
13) 1,4-Dichlorobenzene	7.839	146	66485	43.41	ng	96
14) 1,2-Dichlorobenzene	8.157	146	63579	43.14	ng	97
15) Benzyl Alcohol	8.063	79	50453	45.82	ng	# 87
16) 2,2'-oxybis(1-Chloropr...	8.345	45	80435	44.99	ng	72
17) 2-Methylphenol	8.275	107	49868	47.99	ng	# 89
18) Hexachloroethane	8.875	117	24566	44.14	ng	91
19) n-Nitroso-di-n-propyla...	8.628	70	41481	45.79	ng	# 66
20) 3+4-Methylphenols	8.604	107	67703	48.43	ng	91
22) Acetophenone	8.645	105	86653	43.96	ng	# 89
24) Nitrobenzene	9.028	77	62802	41.23	ng	# 83
25) Isophorone	9.551	82	111298	42.22	ng	95
26) 2-Nitrophenol	9.733	139	34572	44.93	ng	# 82
27) 2,4-Dimethylphenol	9.804	122	55509	48.08	ng	88
28) bis(2-Chloroethoxy)met...	10.033	93	70887	47.32	ng	98
29) 2,4-Dichlorophenol	10.269	162	59089	44.73	ng	100
30) 1,2,4-Trichlorobenzene	10.475	180	60895	42.04	ng	99
31) Naphthalene	10.657	128	186851	41.93	ng	99
32) Benzoic acid	9.998	122	43025	51.99	ng	# 84
33) 4-Chloroaniline	10.786	127	25777	14.39	ng	# 92
34) Hexachlorobutadiene	10.927	225	34900	40.18	ng	98
35) Caprolactam	11.610	113	18279	50.58	ng	# 62
36) 4-Chloro-3-methylphenol	11.933	107	62315	46.80	ng	91
37) 2-Methylnaphthalene	12.274	142	137669	43.90	ng	97
38) 1-Methylnaphthalene	12.498	142	128747	43.35	ng	99
40) 1,2,4,5-Tetrachloroben...	12.651	216	65632	43.02	ng	99
41) Hexachlorocyclopentadiene	12.616	237	43730	75.20	ng	98
43) 2,4,6-Trichlorophenol	12.904	196	45797	42.83	ng	98

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44) 2,4,5-Trichlorophenol	12.980	196	50419	43.93	ng		96
46) 1,1'-Biphenyl	13.298	154	170463	43.56	ng		99
47) 2-Chloronaphthalene	13.339	162	133138	41.68	ng		97
48) 2-Nitroaniline	13.563	65	39935	46.48	ng	#	84
49) Acenaphthylene	14.192	152	212585	43.33	ng		99
50) Dimethylphthalate	13.939	163	166253	44.96	ng		99
51) 2,6-Dinitrotoluene	14.068	165	37079	43.01	ng		87
52) Acenaphthene	14.533	154	127587	42.41	ng		98
53) 3-Nitroaniline	14.398	138	24647	29.34	ng		85
54) 2,4-Dinitrophenol	14.615	184	33812	76.67	ng		93
55) Dibenzofuran	14.868	168	199784	42.30	ng		100
56) 4-Nitrophenol	14.733	139	66475	96.47	ng	#	74
57) 2,4-Dinitrotoluene	14.863	165	51848	46.04	ng		91
58) Fluorene	15.521	166	168020	44.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	42454m	46.02	ng		
60) Diethylphthalate	15.298	149	171462	46.09	ng		98
61) 4-Chlorophenyl-phenyle...	15.510	204	78906	43.68	ng		93
62) 4-Nitroaniline	15.568	138	36269	44.66	ng	#	81
63) Azobenzene	15.804	77	153471	44.71	ng		90
65) 4,6-Dinitro-2-methylph...	15.627	198	23478	32.88	ng		85
66) n-Nitrosodiphenylamine	15.733	169	143644	41.41	ng		97
67) 4-Bromophenyl-phenylether	16.404	248	48222	42.38	ng		93
68) Hexachlorobenzene	16.515	284	53142	41.91	ng	#	94
69) Atrazine	16.686	200	41890	38.81	ng		97
70) Pentachlorophenol	16.868	266	63442	93.53	ng		99
71) Phenanthrene	17.256	178	280735	46.49	ng		99
72) Anthracene	17.345	178	266362	44.52	ng		98
73) Carbazole	17.621	167	240425	41.89	ng		99
74) Di-n-butylphthalate	18.168	149	311380	47.71	ng		99
75) Fluoranthene	19.262	202	324359	48.88	ng		98
77) Benzidine	19.456	184	99522	38.55	ng		98
78) Pyrene	19.627	202	311351	54.10	ng		99
80) Butylbenzylphthalate	20.515	149	133105	53.72	ng		94
81) Benzo(a)anthracene	21.356	228	241752	44.46	ng		99
82) 3,3'-Dichlorobenzidine	21.291	252	52112	27.74	ng	#	98
83) Chrysene	21.409	228	232211	43.83	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	192932	54.11	ng		98
85) Di-n-octyl phthalate	22.150	149	295233	48.80	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.826	276	237956	44.40	ng	#	90
88) Benzo(b)fluoranthene	22.927	252	220430	43.94	ng	#	97
89) Benzo(k)fluoranthene	22.968	252	209795	44.02	ng	#	97
90) Benzo(a)pyrene	23.491	252	194102	42.40	ng	#	96
91) Dibenzo(a,h)anthracene	25.832	278	198131	42.54	ng	#	93
92) Benzo(g,h,i)perylene	26.509	276	198430	44.12	ng	#	93

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

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