Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031121\
Data File : BM029093.D
Acq On : 11 Mar 2021 14:00
Operator : CG/JU
Sample : M1618-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CSB-1-16-16.5-BGSMSD

Manual Integrations APPROVED
mohammad
3/12/2021 12:03:18 PM

Quant Time: Mar 11 14:34:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 09 10:08:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.657	152	8574	20.00	ng		-0.01
21) Naphthalene-d8	10.451	136	33601	20.00	ng		#-0.01
39) Acenaphthene-d10	14.333	164	18873	20.00	ng		0.00
64) Phenanthrene-d10	17.080	188	36835	20.00	ng		0.00
76) Chrysene-d12	21.256	240	34847	20.00	ng		# 0.00
86) Perylene-d12	23.409	264	35712	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	63591	122.93	ng		-0.01
7) Phenol-d6	6.857	99	75390	110.34	ng		-0.01
23) Nitrobenzene-d5	8.834	82	49953	80.21	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	25100	112.21	ng		0.00
45) 2-Fluorobiphenyl	12.939	172	108633	76.63	ng		-0.01
79) Terphenyl-d14	19.704	244	136167	72.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.075	88	8044	41.36	ng	#	54
3) Pyridine	3.493	79	22594	44.02	ng	#	33
4) n-Nitrosodimethylamine	3.411	42	16959	59.14	ng	#	46
6) Aniline	6.999	93	7205	9.86	ng		98
8) 2-Chlorophenol	7.228	128	28434	46.28	ng		95
9) Benzaldehyde	6.810	77	6949	18.66	ng	#	77
10) Phenol	6.887	94	34072	50.18	ng		92
11) bis(2-Chloroethyl)ether	7.099	93	24378	47.33	ng		92
12) 1,3-Dichlorobenzene	7.546	146	30762m	45.91	ng		
13) 1,4-Dichlorobenzene	7.693	146	31522	46.38	ng		97
14) 1,2-Dichlorobenzene	8.010	146	29795	45.56	ng		98
15) Benzyl Alcohol	7.922	79	23277	47.64	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	8.204	45	40952	51.63	ng		70
17) 2-Methylphenol	8.128	107	21891	47.48	ng	#	92
18) Hexachloroethane	8.722	117	12075	48.90	ng		92
19) n-Nitroso-di-n-propyla...	8.481	70	19249	47.89	ng	#	54
20) 3+4-Methylphenols	8.463	107	29505	47.56	ng		91
22) Acetophenone	8.498	105	39767	48.53	ng	#	85
24) Nitrobenzene	8.881	77	29077	45.92	ng	#	84
25) Isophorone	9.398	82	50624	46.20	ng		96
26) 2-Nitrophenol	9.587	139	15127	47.29	ng	#	84
27) 2,4-Dimethylphenol	9.657	122	23244	48.43	ng		90
28) bis(2-Chloroethoxy)met...	9.887	93	30718	49.33	ng		98
29) 2,4-Dichlorophenol	10.122	162	24794	45.15	ng		98
30) 1,2,4-Trichlorobenzene	10.322	180	28015	46.53	ng		96
31) Naphthalene	10.504	128	82216	44.38	ng		100
32) Benzoic acid	9.845	122	17147	49.84	ng	#	78
33) 4-Chloroaniline	10.645	127	7453	10.01	ng	#	92
34) Hexachlorobutadiene	10.769	225	16808	46.56	ng		98
35) Caprolactam	11.457	113	10235	68.13	ng	#	16
36) 4-Chloro-3-methylphenol	11.786	107	25924	46.84	ng		95
37) 2-Methylnaphthalene	12.128	142	57402	44.04	ng		97
38) 1-Methylnaphthalene	12.351	142	54112	43.83	ng		98
40) 1,2,4,5-Tetrachloroben...	12.504	216	27619	46.81	ng		98
41) Hexachlorocyclopentadiene	12.463	237	24546	109.12	ng		98
43) 2,4,6-Trichlorophenol	12.763	196	19012	45.96	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	20513	46.21	ng	#	93
46) 1,1'-Biphenyl	13.157	154	72386	47.82	ng		100
47) 2-Chloronaphthalene	13.198	162	56072	45.38	ng		97
48) 2-Nitroaniline	13.428	65	17081	51.40	ng		93
49) Acenaphthylene	14.051	152	87894	46.32	ng		99
50) Dimethylphthalate	13.804	163	72980	51.03	ng		99
51) 2,6-Dinitrotoluene	13.933	165	14725	44.16	ng		94
52) Acenaphthene	14.398	154	51978	44.67	ng		97
53) 3-Nitroaniline	14.275	138	5875	18.08	ng		84
54) 2,4-Dinitrophenol	14.498	184	16539	96.96	ng		96
55) Dibenzofuran	14.733	168	82249	45.02	ng		100
56) 4-Nitrophenol	14.610	139	21820	81.87	ng	#	86
57) 2,4-Dinitrotoluene	14.733	165	20686	47.49	ng	#	80
58) Fluorene	15.386	166	66896	45.68	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.974	232	16498m	46.24	ng		
60) Diethylphthalate	15.169	149	70207	48.79	ng		97
61) 4-Chlorophenyl-phenyle...	15.380	204	32566	46.61	ng		94
62) 4-Nitroaniline	15.439	138	12588	40.07	ng		95
63) Azobenzene	15.674	77	62573	47.12	ng	#	84
65) 4,6-Dinitro-2-methylph...	15.504	198	11327	43.67	ng	#	73
66) n-Nitrosodiphenylamine	15.604	169	55611	44.13	ng		99
67) 4-Bromophenyl-phenylether	16.274	248	18504	44.77	ng	#	92
68) Hexachlorobenzene	16.386	284	20585	44.69	ng		94
69) Atrazine	16.557	200	16480	42.04	ng		95
70) Pentachlorophenol	16.739	266	23174	94.06	ng		99
71) Phenanthrene	17.121	178	96972	44.21	ng		100
72) Anthracene	17.210	178	99763	45.91	ng		99
73) Carbazole	17.492	167	89407	42.89	ng		99
74) Di-n-butylphthalate	18.045	149	119164	50.27	ng		99
75) Fluoranthene	19.139	202	112023	46.47	ng		98
77) Benzidine	19.339	184	21150	18.42	ng		99
78) Pyrene	19.498	202	113568	44.36	ng		99
80) Butylbenzylphthalate	20.398	149	53431	48.48	ng	#	95
81) Benzo(a)anthracene	21.239	228	109208	45.16	ng		99
82) 3,3'-Dichlorobenzidine	21.180	252	14766	17.67	ng	#	98
83) Chrysene	21.292	228	106204	45.07	ng		98
84) Bis(2-ethylhexyl)phtha...	21.162	149	80873	51.00	ng	#	95
85) Di-n-octyl phthalate	22.021	149	140393	52.18	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.574	276	129228	47.95	ng	#	91
88) Benzo(b)fluoranthene	22.774	252	113118	44.84	ng	#	97
89) Benzo(k)fluoranthene	22.815	252	109410	45.66	ng	#	97
90) Benzo(a)pyrene	23.321	252	101546	44.11	ng	#	98
91) Dibenzo(a,h)anthracene	25.574	278	110566	47.21	ng	#	95
92) Benzo(g,h,i)perylene	26.233	276	107178	47.39	ng	#	95

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

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