Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081321\
Data File : BG049835.D
Acq On : 13 Aug 2021 15:11
Operator : CG/JU
Sample : M3346-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LPA-1MS

Manual Integrations APPROVED
mohammad
8/16/2021 12:21:47 PM

Quant Time: Aug 13 16:47:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 03 15:15:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.034	152	26850	20.000	ng		0.00
21) Naphthalene-d8	10.854	136	103453	20.000	ng		#-0.01
39) Acenaphthene-d10	14.690	164	70290	20.000	ng		0.00
64) Phenanthrene-d10	17.445	188	159238	20.000	ng		# 0.00
76) Chrysene-d12	21.727	240	139746	20.000	ng		0.00
86) Perylene-d12	25.005	264	146965	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.590	112	195861	130.764	ng		0.00
7) Phenol-d6	7.200	99	255254	112.580	ng		0.00
23) Nitrobenzene-d5	9.209	82	205006	87.690	ng		0.00
42) 2,4,6-Tribromophenol	16.182	330	154677	149.711	ng		0.00
45) 2-Fluorobiphenyl	13.303	172	424640	87.905	ng		-0.01
79) Terphenyl-d14	20.053	244	622608	80.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	22647	34.600	ng	#	31
3) Pyridine	3.875	79	48444	27.001	ng	#	88
4) n-Nitrosodimethylamine	3.775	42	40988	42.485	ng	#	83
6) Aniline	7.358	93	60373	25.124	ng		99
8) 2-Chlorophenol	7.599	128	77362	47.374	ng		91
9) Benzaldehyde	7.165	77	55038	36.380	ng		92
10) Phenol	7.229	94	90413	41.155	ng		89
11) bis(2-Chloroethyl)ether	7.447	93	68477	46.164	ng		92
12) 1,3-Dichlorobenzene	7.922	146	82639	44.185	ng		96
13) 1,4-Dichlorobenzene	8.069	146	85120	44.962	ng		92
14) 1,2-Dichlorobenzene	8.392	146	80702	44.998	ng		97
15) Benzyl Alcohol	8.281	79	93043	48.864	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.563	45	73669	43.709	ng		95
17) 2-Methylphenol	8.486	107	68197	47.140	ng		95
18) Hexachloroethane	9.115	117	33473	45.995	ng		92
19) n-Nitroso-di-n-propyla...	8.845	70	65319	43.051	ng	#	90
20) 3+4-Methylphenols	8.815	107	95740	47.122	ng		97
22) Acetophenone	8.862	105	133070	47.346	ng	#	97
24) Nitrobenzene	9.244	77	105552	42.787	ng		97
25) Isophorone	9.773	82	175966	42.180	ng		96
26) 2-Nitrophenol	9.967	139	43768	46.490	ng		96
27) 2,4-Dimethylphenol	10.025	122	75284	54.104	ng		97
28) bis(2-Chloroethoxy)met...	10.255	93	92895	50.904	ng		92
29) 2,4-Dichlorophenol	10.507	162	82212	48.146	ng		97
30) 1,2,4-Trichlorobenzene	10.719	180	85124	45.276	ng		93
31) Naphthalene	10.907	128	239157	44.141	ng		98
32) Benzoic acid	10.155	122	9087	13.241	ng	#	75
33) 4-Chloroaniline	11.024	127	13005m	6.080	ng		
34) Hexachlorobutadiene	11.183	225	59520	43.564	ng		92
35) Caprolactam	11.811	113	24528m	46.491	ng		
36) 4-Chloro-3-methylphenol	12.152	107	98515	49.947	ng	#	93
37) 2-Methylnaphthalene	12.516	142	181871	44.560	ng		97
38) 1-Methylnaphthalene	12.734	142	167333	43.623	ng		94
40) 1,2,4,5-Tetrachloroben...	12.886	216	96846	46.761	ng		96
41) Hexachlorocyclopentadiene	12.857	237	105832	94.269	ng		93
43) 2,4,6-Trichlorophenol	13.127	196	71399	51.136	ng		93

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44) 2,4,5-Trichlorophenol	13.203	196	77342	51.059	ng		90
46) 1,1'-Biphenyl	13.521	154	226741	45.291	ng		98
47) 2-Chloronaphthalene	13.568	162	186910	46.744	ng		99
48) 2-Nitroaniline	13.767	65	72299	49.242	ng		96
49) Acenaphthylene	14.414	152	301342	47.549	ng		97
50) Dimethylphthalate	14.137	163	255777	48.230	ng		98
51) 2,6-Dinitrotoluene	14.261	165	54673	46.823	ng		94
52) Acenaphthene	14.754	154	176219	46.159	ng		91
53) 3-Nitroaniline	14.596	138	19862	17.443	ng		81
54) 2,4-Dinitrophenol	14.813	184	39031	58.880	ng		94
55) Dibenzofuran	15.089	168	282207	45.566	ng		94
56) 4-Nitrophenol	14.919	139	74387	89.419	ng		96
57) 2,4-Dinitrotoluene	15.054	165	80713	49.216	ng	#	94
58) Fluorene	15.735	166	238300	47.339	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.324	232	70130	49.848	ng		99
60) Diethylphthalate	15.500	149	253436	47.516	ng		97
61) 4-Chlorophenyl-phenyle...	15.724	204	121992	45.405	ng		90
62) 4-Nitroaniline	15.765	138	55695	47.550	ng		94
63) Azobenzene	16.023	77	246473	43.659	ng		88
65) 4,6-Dinitro-2-methylph...	15.823	198	37610	36.745	ng		86
66) n-Nitrosodiphenylamine	15.941	169	205748	45.728	ng		95
67) 4-Bromophenyl-phenylether	16.622	248	84719	45.174	ng		97
68) Hexachlorobenzene	16.746	284	95555	45.861	ng		97
69) Atrazine	16.893	200	91188	50.665	ng		97
70) Pentachlorophenol	17.098	266	58681	52.523	ng		99
71) Phenanthrene	17.486	178	381035	45.482	ng		96
72) Anthracene	17.574	178	384067	46.679	ng		98
73) Carbazole	17.844	167	348313	44.698	ng		100
74) Di-n-butylphthalate	18.391	149	417353	45.944	ng		100
75) Fluoranthene	19.495	202	433977	42.096	ng		97
77) Benzidine	19.671	184	111924	31.259	ng		99
78) Pyrene	19.859	202	436700	45.837	ng		97
80) Butylbenzylphthalate	20.734	149	174064	47.973	ng		98
81) Benzo(a)anthracene	21.710	228	405324	44.537	ng		97
82) 3,3'-Dichlorobenzidine	21.616	252	66278	24.942	ng		97
83) Chrysene	21.774	228	393164	45.194	ng		99
84) Bis(2-ethylhexyl)phtha...	21.598	149	233874	45.536	ng		96
85) Di-n-octyl phthalate	22.820	149	405057	46.684	ng		99
87) Indeno(1,2,3-cd)pyrene	28.771	276	496265	46.823	ng		98
88) Benzo(b)fluoranthene	23.965	252	424933m	44.086	ng		
89) Benzo(k)fluoranthene	24.036	252	422259	46.966	ng		98
90) Benzo(a)pyrene	24.858	252	411914	47.222	ng		98
91) Dibenzo(a,h)anthracene	28.829	278	424654	47.547	ng	#	97
92) Benzo(g,h,i)perylene	29.946	276	417492	47.713	ng		97

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

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