Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039269.D
Acq On : 23 Jan 2019 18:49
Operator : JU/SJ
Sample : K1210-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-1495MS

Manual Integrations APPROVED
Sohil
1/24/2019 12:16:09 PM

Quant Time: Jan 24 00:31:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	15131	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	63353	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	42273	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	113382	20.00	ng	0.00
76) Chrysene-d12	21.67	240	119577	20.00	ng	0.00
87) Perylene-d12	24.93	264	132137	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	140679	176.37	ng	0.00
7) Phenol-d6	7.17	99	133123	115.97	ng	0.00
23) Nitrobenzene-d5	9.19	82	103001	88.96	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	91655	129.34	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	276435	89.49	ng	0.00
79) Terphenyl-d14	20.00	244	528492	81.76	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10491	33.587	ng	# 1
3) Pyridine	3.86	79	32858	38.714	ng	99
4) n-Nitrosodimethylamine	3.77	42	23530	61.609	ng	90
6) Aniline	7.34	93	12632	9.163	ng	97
8) 2-Chlorophenol	7.57	128	42942	45.671	ng	96
9) Benzaldehyde	7.15	77	9767	14.754	ng	95
10) Phenol	7.20	94	45525	39.557	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	36386	41.367	ng	95
12) 1,3-Dichlorobenzene	7.89	146	45899	40.744	ng	96
13) 1,4-Dichlorobenzene	8.04	146	47083	41.268	ng	99
14) 1,2-Dichlorobenzene	8.36	146	47581	43.740	ng	95
15) Benzyl Alcohol	8.25	79	40116	46.406	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75868	44.982	ng	97
17) 2-Methylphenol	8.45	107	37207	46.560	ng	96
18) Hexachloroethane	9.08	117	17648	45.531	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	32509	43.127	ng	97
20) 3+4-Methylphenols	8.79	107	49874	43.774	ng	97
22) Acetophenone	8.84	105	67082	40.546	ng	# 98
24) Nitrobenzene	9.23	77	49582	42.369	ng	99
25) Isophorone	9.74	82	93296	46.781	ng	98
26) 2-Nitrophenol	9.94	139	27857	44.009	ng	96
27) 2,4-Dimethylphenol	9.99	122	44382	49.838	ng	95
28) bis(2-Chloroethoxy)methane	10.22	93	54667	45.609	ng	99
29) 2,4-Dichlorophenol	10.47	162	53772	48.604	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	55734	41.928	ng	93
31) Naphthalene	10.87	128	146430	46.084	ng	98
32) Benzoic acid	10.23	122	2543m	13.177	ng	
33) 4-Chloroaniline	11.01	127	3027	2.129	ng	96
34) Hexachlorobutadiene	11.13	225	37383	40.871	ng	95
35) Caprolactam	11.78	113	11882m	26.783	ng	
36) 4-Chloro-3-methylphenol	12.11	107	54460	46.025	ng	88
37) 2-Methylnaphthalene	12.48	142	114099	47.896	ng	99
38) 1-Methylnaphthalene	12.69	142	106589	46.615	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	70996	44.719	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	70989	79.437	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	46327	46.364	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	49408	46.785	ng		95
46) 1,1'-Biphenyl	13.48	154	145616	43.472	ng		98
47) 2-Chloronaphthalene	13.53	162	117886	43.491	ng		99
48) 2-Nitroaniline	13.75	65	34165	44.990	ng		95
49) Acenaphthylene	14.37	152	190820	46.836	ng		97
50) Dimethylphthalate	14.10	163	159538	44.660	ng		99
51) 2,6-Dinitrotoluene	14.24	165	35820	44.850	ng		94
52) Acenaphthene	14.72	154	109815	44.861	ng		99
53) 3-Nitroaniline	14.57	138	3651	4.506	ng	#	99
54) 2,4-Dinitrophenol	14.79	184	10908	26.692	ng		98
55) Dibenzofuran	15.05	168	191061	44.194	ng		98
56) 4-Nitrophenol	14.88	139	37485	64.302	ng		99
57) 2,4-Dinitrotoluene	15.02	165	49556	43.249	ng		95
58) Fluorene	15.70	166	154319	47.422	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	43657	43.793	ng		98
60) Diethylphthalate	15.46	149	159536	43.346	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	88860	43.343	ng		98
62) 4-Nitroaniline	15.74	138	33215	39.354	ng		97
63) Azobenzene	15.97	77	125307	43.536	ng		96
65) 4,6-Dinitro-2-methylphenol	15.78	198	16382	19.502	ng		93
66) n-Nitrosodiphenylamine	15.90	169	139456	41.490	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	59188	40.610	ng		99
68) Hexachlorobenzene	16.70	284	63913	40.187	ng		93
69) Atrazine	16.85	200	57480	40.255	ng		98
70) Pentachlorophenol	17.05	266	33770	37.675	ng		98
71) Phenanthrene	17.44	178	276775	46.183	ng		99
72) Anthracene	17.53	178	274220	46.278	ng		99
73) Carbazole	17.81	167	233595	39.934	ng		99
74) Di-n-butylphthalate	18.33	149	270598	41.583	ng		99
75) Fluoranthene	19.45	202	340712	45.860	ng		99
77) Benzidine	19.64	184	39314	10.749	ng		97
78) Pyrene	19.82	202	341791	44.852	ng		99
80) Butylbenzylphthalate	20.68	149	131016	45.204	ng		99
81) Benzo(a)anthracene	21.65	228	341202	46.873	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	26745	9.018	ng		96
83) Chrysene	21.72	228	316433	45.706	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	180424	44.833	ng		96
85) Di-n-octyl phthalate	22.72	149	312729	45.956	ng		98
86) Indeno(1,2,3-cd)pyrene	28.66	276	383097	46.309	ng		100
88) Benzo(b)fluoranthene	23.89	252	351475	48.240	ng		99
89) Benzo(k)fluoranthene	23.96	252	327767	45.499	ng		97
90) Benzo(a)pyrene	24.77	252	330892	46.985	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	316684	45.208	ng		99
92) Benzo(g,h,i)perylene	29.85	276	305099	43.995	ng		98

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

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