Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043428.D
Acq On : 31 Oct 2019 10:12
Operator : JU
Sample : PB124413BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124413BS

Manual Integrations APPROVED
mohammad
10/31/2019 2:52:17 PM

Quant Time: Oct 31 11:26:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	33419	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	135687	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	112578	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	261110	20.00	ng		0.00
76) Chrysene-d12	21.67	240	298186	20.00	ng		0.00
87) Perylene-d12	24.86	264	349312	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	231155	126.75	ng		0.00
7) Phenol-d6	7.21	99	315638	120.29	ng		0.00
23) Nitrobenzene-d5	9.19	82	158162	60.09	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	207692	96.95	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	431985	53.02	ng		0.00
79) Terphenyl-d14	20.00	244	865305	54.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	28280	39.792	ng		86
3) Pyridine	3.89	79	68288	38.091	ng		95
4) n-Nitrosodimethylamine	3.80	42	39642	43.821	ng	#	98
6) Aniline	7.35	93	94050	31.115	ng		99
8) 2-Chlorophenol	7.59	128	92687	46.040	ng		97
9) Benzaldehyde	7.16	77	49364	38.281	ng		88
10) Phenol	7.24	94	113079	47.161	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	70730	38.154	ng		89
12) 1,3-Dichlorobenzene	7.91	146	100980	40.034	ng		98
13) 1,4-Dichlorobenzene	8.06	146	103586	40.590	ng		99
14) 1,2-Dichlorobenzene	8.38	146	101013	40.539	ng		98
15) Benzyl Alcohol	8.27	79	81694	44.332	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	105592	39.173	ng		99
17) 2-Methylphenol	8.48	107	80037	45.789	ng		95
18) Hexachloroethane	9.11	117	35859	38.946	ng		94
19) n-Nitroso-di-n-propylamine	8.82	70	69105	40.757	ng		97
20) 3+4-Methylphenols	8.81	107	105037	43.823	ng		93
22) Acetophenone	8.85	105	133723	38.484	ng		96
24) Nitrobenzene	9.23	77	105899	42.238	ng		99
25) Isophorone	9.74	82	188086	39.088	ng		99
26) 2-Nitrophenol	9.94	139	53729	44.388	ng		92
27) 2,4-Dimethylphenol	10.01	122	89122	51.371	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	105268	39.638	ng		96
29) 2,4-Dichlorophenol	10.49	162	99032	44.552	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	109196	38.976	ng		94
31) Naphthalene	10.88	128	293365	42.594	ng		99
32) Benzoic acid	10.17	122	39753	33.401	ng		98
33) 4-Chloroaniline	11.00	127	56133	19.883	ng		97
34) Hexachlorobutadiene	11.16	225	76451	36.915	ng		94
35) Caprolactam	11.75	113	31494m	41.139	ng		
36) 4-Chloro-3-methylphenol	12.12	107	104374	43.047	ng		98
37) 2-Methylnaphthalene	12.48	142	220893	41.800	ng		99
38) 1-Methylnaphthalene	12.69	142	211141	41.992	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	142982	34.318	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	167927	76.728	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	90772	36.995	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	98587	39.744	ng		97
46) 1,1'-Biphenyl	13.48	154	298441	34.847	ng		98
47) 2-Chloronaphthalene	13.53	162	225705	34.637	ng		99
48) 2-Nitroaniline	13.73	65	68616	35.231	ng		100
49) Acenaphthylene	14.37	152	373303	36.809	ng		99
50) Dimethylphthalate	14.10	163	300926	34.510	ng		98
51) 2,6-Dinitrotoluene	14.22	165	70453	37.190	ng		97
52) Acenaphthene	14.72	154	218609	35.346	ng		96
53) 3-Nitroaniline	14.56	138	42296	23.125	ng		95
54) 2,4-Dinitrophenol	14.76	184	62628	55.405	ng		96
55) Dibenzofuran	15.05	168	363289	36.222	ng		99
56) 4-Nitrophenol	14.89	139	96784	78.964	ng		94
57) 2,4-Dinitrotoluene	15.01	165	98560	36.405	ng		97
58) Fluorene	15.70	166	306597	36.447	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	102036	38.717	ng	#	98
60) Diethylphthalate	15.46	149	305137	34.826	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	176293	35.924	ng		97
62) 4-Nitroaniline	15.73	138	63633	33.688	ng		95
63) Azobenzene	15.98	77	260735	36.770	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	56453	36.738	ng		91
66) n-Nitrosodiphenylamine	15.90	169	273994	37.168	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	123907	35.261	ng		99
68) Hexachlorobenzene	16.71	284	139891	34.682	ng		95
69) Atrazine	16.85	200	115660	45.152	ng		98
70) Pentachlorophenol	17.05	266	150519	81.895	ng		94
71) Phenanthrene	17.44	178	491211	36.738	ng		99
72) Anthracene	17.53	178	515752	38.553	ng		99
73) Carbazole	17.80	167	449031	37.066	ng		99
74) Di-n-butylphthalate	18.35	149	529624	36.031	ng		98
75) Fluoranthene	19.44	202	649844	37.280	ng		99
77) Benzidine	19.63	184	211586	35.258	ng		98
78) Pyrene	19.81	202	655430	35.511	ng		100
80) Butylbenzylphthalate	20.69	149	240598	34.407	ng		99
81) Benzo(a)anthracene	21.64	228	683715	36.605	ng		98
82) 3,3'-Dichlorobenzidine	21.56	252	196665	27.223	ng		99
83) Chrysene	21.71	228	665860	35.880	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	356838	35.923	ng		97
85) Di-n-octyl phthalate	22.75	149	615713	36.535	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	860140	36.924	ng		100
88) Benzo(b)fluoranthene	23.85	252	724096	36.600	ng		97
89) Benzo(k)fluoranthene	23.92	252	712754	35.787	ng		99
90) Benzo(a)pyrene	24.71	252	666387	35.273	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	726350	37.588	ng		95
92) Benzo(g,h,i)perylene	29.64	276	726931	38.137	ng		98

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

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