Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043718.D
Acq On : 20 Nov 2019 5:20
Operator : JU
Sample : K5670-08MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-03-111219MS

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:19 AM

Quant Time: Nov 20 06:00:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	30442	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	120792	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	87876	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	214387	20.00	ng		0.00
76) Chrysene-d12	21.63	240	226794	20.00	ng		0.00
87) Perylene-d12	24.80	264	249954	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	251904	151.63	ng		0.00
7) Phenol-d6	7.19	99	344906	144.30	ng		0.00
23) Nitrobenzene-d5	9.15	82	209956	89.61	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	220882	132.08	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	554769	87.23	ng		0.00
79) Terphenyl-d14	19.98	244	1169722	96.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	22710	35.080	ng	#	42
3) Pyridine	3.87	79	59563	36.473	ng		99
4) n-Nitrosodimethylamine	3.77	42	43106	52.310	ng	#	92
6) Aniline	7.32	93	48558	17.636	ng		94
8) 2-Chlorophenol	7.57	128	93613	51.047	ng		98
9) Benzaldehyde	7.14	77	15439	13.144	ng		89
10) Phenol	7.21	94	135095	61.853	ng		96
11) bis(2-Chloroethyl)ether	7.41	93	72509	42.939	ng		90
12) 1,3-Dichlorobenzene	7.88	146	84212	36.651	ng		95
13) 1,4-Dichlorobenzene	8.02	146	87658	37.708	ng		96
14) 1,2-Dichlorobenzene	8.34	146	87255	38.442	ng		94
15) Benzyl Alcohol	8.24	79	82369	49.069	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.52	45	106678	43.446	ng		98
17) 2-Methylphenol	8.46	107	80475	50.542	ng		95
18) Hexachloroethane	9.07	117	30137	35.932	ng		99
19) n-Nitroso-di-n-propylamine	8.79	70	71612	46.366	ng		98
20) 3+4-Methylphenols	8.79	107	108391	49.644	ng		96
22) Acetophenone	8.81	105	138589	44.802	ng	#	97
24) Nitrobenzene	9.20	77	106426	47.683	ng		96
25) Isophorone	9.72	82	205786	48.040	ng		98
26) 2-Nitrophenol	9.91	139	55938	51.912	ng		94
27) 2,4-Dimethylphenol	9.98	122	88280	57.160	ng		99
28) bis(2-Chloroethoxy)methane	10.20	93	108194	45.763	ng		96
29) 2,4-Dichlorophenol	10.46	162	103814	52.462	ng		94
30) 1,2,4-Trichlorobenzene	10.66	180	105432	42.273	ng		98
31) Naphthalene	10.84	128	279144	45.527	ng		98
32) Benzoic acid	10.17	122	52654	45.281	ng		90
33) 4-Chloroaniline	10.98	127	8828	3.512	ng	#	92
34) Hexachlorobutadiene	11.13	225	71538	38.802	ng		98
35) Caprolactam	11.75	113	32786m	48.107	ng		
36) 4-Chloro-3-methylphenol	12.11	107	112178	51.970	ng		98
37) 2-Methylnaphthalene	12.45	142	217114	46.151	ng		100
38) 1-Methylnaphthalene	12.67	142	207282	46.308	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	142604	43.849	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	118162	69.166	ng		99
43) 2,4,6-Trichlorophenol	13.07	196	96992	50.643	ng		94
44) 2,4,5-Trichlorophenol	13.16	196	103509	53.458	ng		97
46) 1,1'-Biphenyl	13.45	154	301646	45.122	ng		98
47) 2-Chloronaphthalene	13.50	162	231300	45.473	ng		97
48) 2-Nitroaniline	13.71	65	73106	48.088	ng		99
49) Acenaphthylene	14.35	152	383790	48.480	ng		99
50) Dimethylphthalate	14.08	163	375960	55.235	ng		99
51) 2,6-Dinitrotoluene	14.20	165	72362	48.936	ng		95
52) Acenaphthene	14.69	154	228549	47.341	ng		100
53) 3-Nitroaniline	14.54	138	33398	23.393	ng	#	98
54) 2,4-Dinitrophenol	14.75	184	83929	89.901	ng		95
55) Dibenzofuran	15.02	168	375415	47.952	ng		98
56) 4-Nitrophenol	14.88	139	99464	103.962	ng	#	84
57) 2,4-Dinitrotoluene	14.99	165	102573	48.538	ng		96
58) Fluorene	15.67	166	317193	48.307	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	100971	49.082	ng	#	99
60) Diethylphthalate	15.44	149	321335	46.984	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	183195	47.824	ng		97
62) 4-Nitroaniline	15.71	138	65493	44.419	ng		99
63) Azobenzene	15.96	77	269608	48.709	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	66331	52.574	ng		97
66) n-Nitrosodiphenylamine	15.88	169	283223	46.793	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	129942	45.038	ng		97
68) Hexachlorobenzene	16.68	284	145185	43.839	ng		98
69) Atrazine	16.83	200	123346	58.647	ng		97
70) Pentachlorophenol	17.03	266	149691	99.194	ng		98
71) Phenanthrene	17.41	178	507876	46.262	ng		98
72) Anthracene	17.50	178	524275	47.731	ng		100
73) Carbazole	17.78	167	466289	46.879	ng		98
74) Di-n-butylphthalate	18.32	149	558968	46.314	ng		99
75) Fluoranthene	19.42	202	682372	47.678	ng		99
77) Benzidine	19.61	184	30671	6.720	ng	#	93
78) Pyrene	19.78	202	678302	48.318	ng		100
80) Butylbenzylphthalate	20.66	149	256540	48.235	ng		98
81) Benzo(a)anthracene	21.61	228	693297	48.802	ng		98
82) 3,3'-Dichlorobenzidine	21.53	252	146254	26.617	ng		94
83) Chrysene	21.68	228	680715	48.227	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	374335	49.548	ng		98
85) Di-n-octyl phthalate	22.70	149	648025	50.557	ng		98
86) Indeno(1,2,3-cd)pyrene	28.45	276	886486	50.034	ng		100
88) Benzo(b)fluoranthene	23.81	252	726051	51.287	ng		99
89) Benzo(k)fluoranthene	23.88	252	756547	53.085	ng		99
90) Benzo(a)pyrene	24.66	252	669757	49.544	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	755515	54.639	ng		100
92) Benzo(g,h,i)perylene	29.57	276	749259	54.933	ng		97

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

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