Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043412.D
Acq On : 30 Oct 2019 22:29
Operator : JU
Sample : K5599-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Manual Integrations APPROVED
mohammad
10/31/2019 2:52:06 PM

Quant Time: Oct 31 06:32:33 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	45164	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178952	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	128971	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	300407	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	329984	20.00	ng	0.00
87) Perylene-d12	24.85	264	395306	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	220327	89.39	ng	0.00
7) Phenol-d6	7.21	99	318316	89.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	190893	54.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	199409	81.25	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	519421	55.65	ng	0.00
79) Terphenyl-d14	20.00	244	1015283	57.72	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	26422	27.510	ng	# 93
3) Pyridine	3.88	79	65132	26.883	ng	98
4) n-Nitrosodimethylamine	3.80	42	40988	33.526	ng	97
6) Aniline	7.35	93	79758	19.525	ng	97
8) 2-Chlorophenol	7.60	128	97879	35.975	ng	97
9) Benzaldehyde	7.16	77	47393	27.195	ng	82
10) Phenol	7.23	94	125663	38.780	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	75910	30.300	ng	96
12) 1,3-Dichlorobenzene	7.91	146	104739	30.726	ng	94
13) 1,4-Dichlorobenzene	8.05	146	106296	30.820	ng	100
14) 1,2-Dichlorobenzene	8.37	146	101404	30.113	ng	97
15) Benzyl Alcohol	8.27	79	85170	34.199	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106003	29.099	ng	97
17) 2-Methylphenol	8.48	107	80062	33.892	ng	98
18) Hexachloroethane	9.11	117	37499	30.136	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	69876	30.495	ng	99
20) 3+4-Methylphenols	8.81	107	105843	32.675	ng	91
22) Acetophenone	8.84	105	136142	29.707	ng	98
24) Nitrobenzene	9.22	77	106759	32.286	ng	97
25) Isophorone	9.75	82	197819	31.171	ng	96
26) 2-Nitrophenol	9.93	139	54047	33.856	ng	93
27) 2,4-Dimethylphenol	10.01	122	90009	39.339	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	107276	30.628	ng	98
29) 2,4-Dichlorophenol	10.49	162	100607	34.318	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	113969	30.845	ng	98
31) Naphthalene	10.87	128	293347	32.294	ng	99
32) Benzoic acid	10.16	122	42409	28.747	ng	97
33) 4-Chloroaniline	11.00	127	42815	11.499	ng	93
34) Hexachlorobutadiene	11.16	225	80324	29.408	ng	95
35) Caprolactam	11.76	113	31485m	31.184	ng	
36) 4-Chloro-3-methylphenol	12.13	107	107079	33.485	ng	100
37) 2-Methylnaphthalene	12.48	142	224037	32.145	ng	95
38) 1-Methylnaphthalene	12.70	142	217280	32.765	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	146452	30.683	ng	99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	163192	65.087	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	97651	34.740	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	101817	35.829	ng		97
46) 1,1'-Biphenyl	13.48	154	303314	30.914	ng		96
47) 2-Chloronaphthalene	13.52	162	235897	31.600	ng		98
48) 2-Nitroaniline	13.74	65	68621	30.755	ng		95
49) Acenaphthylene	14.37	152	388275	33.419	ng		98
50) Dimethylphthalate	14.11	163	364435	36.481	ng		100
51) 2,6-Dinitrotoluene	14.22	165	71237	32.824	ng		96
52) Acenaphthene	14.71	154	230798	32.574	ng		99
53) 3-Nitroaniline	14.56	138	32645	15.580	ng		90
54) 2,4-Dinitrophenol	14.76	184	68650	53.328	ng		95
55) Dibenzofuran	15.05	168	374593	32.601	ng		99
56) 4-Nitrophenol	14.89	139	99180	70.634	ng		96
57) 2,4-Dinitrotoluene	15.01	165	99909	32.213	ng		96
58) Fluorene	15.69	166	312544	32.432	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	100674	33.344	ng	#	99
60) Diethylphthalate	15.46	149	311946	31.078	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	179265	31.887	ng		99
62) 4-Nitroaniline	15.73	138	64632	29.868	ng		97
63) Azobenzene	15.98	77	262012	32.253	ng		99
65) 4,6-Dinitro-2-methylphenol	15.77	198	58932	33.334	ng		97
66) n-Nitrosodiphenylamine	15.90	169	278880	32.882	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	126110	31.194	ng		98
68) Hexachlorobenzene	16.70	284	142612	30.731	ng		98
69) Atrazine	16.85	200	117769	39.962	ng		94
70) Pentachlorophenol	17.05	266	149861	70.871	ng		97
71) Phenanthrene	17.44	178	492870	32.040	ng		99
72) Anthracene	17.53	178	522087	33.921	ng		99
73) Carbazole	17.80	167	456348	32.742	ng		97
74) Di-n-butylphthalate	18.35	149	533546	31.549	ng		99
75) Fluoranthene	19.44	202	645619	32.193	ng		98
77) Benzidine	19.63	184	259644	39.097	ng		99
78) Pyrene	19.81	202	654033	32.020	ng		99
80) Butylbenzylphthalate	20.69	149	249541	32.247	ng		99
81) Benzo(a)anthracene	21.64	228	689724	33.368	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	151521	18.953	ng		97
83) Chrysene	21.70	228	669396	32.594	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	364662	33.173	ng		99
85) Di-n-octyl phthalate	22.74	149	628705	33.711	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	878840	34.091	ng		99
88) Benzo(b)fluoranthene	23.84	252	712041	31.803	ng		99
89) Benzo(k)fluoranthene	23.91	252	749877	33.270	ng		99
90) Benzo(a)pyrene	24.71	252	682421	31.919	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	749303	34.264	ng		99
92) Benzo(g,h,i)perylene	29.63	276	736922	34.163	ng		98

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

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