Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041119\
Data File : BG040443.D
Acq On : 11 Apr 2019 16:08
Operator : JU/SJ
Sample : K2360-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E2-E2A-F2-F2AMS

Manual Integrations APPROVED
Sohil
4/15/2019 12:22:53 AM

Quant Time: Apr 12 06:52:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46801	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	189689	20.00	ng		-0.03
39) Acenaphthene-d10	14.68	164	121368	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	323151	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	362414	20.00	ng		-0.03
87) Perylene-d12	24.97	264	388415	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	282826	100.46	ng		-0.02
7) Phenol-d6	7.20	99	393133	101.04	ng		-0.02
23) Nitrobenzene-d5	9.22	82	226734	63.53	ng		-0.03
42) 2,4,6-Tribromophenol	16.17	330	150125	114.45	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	508565	62.09	ng		-0.03
79) Terphenyl-d14	20.02	244	955879	59.34	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	39147	29.572	ng		95
3) Pyridine	3.90	79	81272	22.802	ng		98
4) n-Nitrosodimethylamine	3.82	42	48694	29.535	ng	#	91
6) Aniline	7.37	93	111194	21.997	ng		97
8) 2-Chlorophenol	7.61	128	99495	30.191	ng		99
9) Benzaldehyde	7.19	77	45708	17.127	ng		95
10) Phenol	7.23	94	132534	31.383	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	97772	28.906	ng		97
12) 1,3-Dichlorobenzene	7.93	146	103898	29.002	ng		96
13) 1,4-Dichlorobenzene	8.08	146	104688	29.341	ng		98
14) 1,2-Dichlorobenzene	8.40	146	98870	28.976	ng		99
15) Benzyl Alcohol	8.28	79	85967	27.436	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	183790	28.312	ng		99
17) 2-Methylphenol	8.48	107	89769	30.719	ng		96
18) Hexachloroethane	9.12	117	38924	28.680	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	73471	26.338	ng		98
20) 3+4-Methylphenols	8.81	107	119729	30.244	ng		96
22) Acetophenone	8.87	105	148133	31.306	ng	#	98
24) Nitrobenzene	9.26	77	114212	30.906	ng		98
25) Isophorone	9.77	82	213777	29.114	ng		99
26) 2-Nitrophenol	9.97	139	51285	29.288	ng		98
27) 2,4-Dimethylphenol	10.02	122	93903	33.760	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	128984	29.691	ng		99
29) 2,4-Dichlorophenol	10.50	162	95901	31.765	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	103358	31.178	ng		99
31) Naphthalene	10.91	128	304231	31.290	ng		98
32) Benzoic acid	10.15	122	23548m	14.012	ng		
33) 4-Chloroaniline	11.03	127	104273	25.142	ng		97
34) Hexachlorobutadiene	11.17	225	58810	27.739	ng		93
35) Caprolactam	11.80	113	35607	29.720	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	116674	33.616	ng		99
37) 2-Methylnaphthalene	12.51	142	228314	31.750	ng		99
38) 1-Methylnaphthalene	12.73	142	216780	31.088	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	115648	29.980	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	123109	58.124	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	79894	32.124	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	91231	33.654	ng		95
46) 1,1'-Biphenyl	13.51	154	294582	30.719	ng		98
47) 2-Chloronaphthalene	13.56	162	230846	31.383	ng		97
48) 2-Nitroaniline	13.77	65	80364	32.389	ng		99
49) Acenaphthylene	14.40	152	384463	30.827	ng		99
50) Dimethylphthalate	14.12	163	340855	35.884	ng		98
51) 2,6-Dinitrotoluene	14.26	165	70181	32.905	ng		98
52) Acenaphthene	14.74	154	224247	31.379	ng		98
53) 3-Nitroaniline	14.59	138	62167	27.536	ng		91
54) 2,4-Dinitrophenol	14.80	184	61408	54.138	ng		93
55) Dibenzofuran	15.08	168	380659	33.149	ng		98
56) 4-Nitrophenol	14.90	139	114848	63.030	ng		97
57) 2,4-Dinitrotoluene	15.04	165	103489	34.921	ng	#	94
58) Fluorene	15.72	166	300424	33.275	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	89071	36.209	ng		98
60) Diethylphthalate	15.48	149	323602	33.292	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	159790	33.110	ng		99
62) 4-Nitroaniline	15.76	138	84445	34.854	ng		98
63) Azobenzene	16.00	77	305784	33.352	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	53398	29.412	ng		99
66) n-Nitrosodiphenylamine	15.93	169	290128	30.681	ng		96
67) 4-Bromophenyl-phenylether	16.60	248	106477	29.280	ng		99
68) Hexachlorobenzene	16.71	284	110194	30.137	ng		94
69) Atrazine	16.87	200	109948	31.256	ng		98
70) Pentachlorophenol	17.07	266	112360	53.152	ng		98
71) Phenanthrene	17.47	178	543393	31.992	ng		98
72) Anthracene	17.56	178	558561	32.855	ng		99
73) Carbazole	17.83	167	540599	33.599	ng		99
74) Di-n-butylphthalate	18.36	149	641331	33.627	ng		99
75) Fluoranthene	19.47	202	700989	34.853	ng		98
77) Benzidine	19.66	184	214574	16.396	ng		99
78) Pyrene	19.83	202	706512	29.645	ng		100
80) Butylbenzylphthalate	20.70	149	327158	32.079	ng		98
81) Benzo(a)anthracene	21.67	228	680001	30.462	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	199394	23.481	ng		99
83) Chrysene	21.74	228	665103	31.002	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	473258	32.463	ng		99
85) Di-n-octyl phthalate	22.76	149	820809	33.047	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	819464	31.231	ng	#	85
88) Benzo(b)fluoranthene	23.92	252	726192	30.538	ng		98
89) Benzo(k)fluoranthene	23.99	252	719061	32.881	ng		97
90) Benzo(a)pyrene	24.82	252	714282	32.013	ng		100
91) Dibenzo(a,h)anthracene	28.79	278	672573	32.456	ng		98
92) Benzo(g,h,i)perylene	29.92	276	683555	32.097	ng		99

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

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