Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
Data File : BG040236.D
Acq On : 29 Mar 2019 21:56
Operator : JU/SJ
Sample : K2138-09MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S6B(12-20)COMPMSD

Manual Integrations APPROVED
Sohil
4/1/2019 10:06:09 AM

Quant Time: Mar 30 04:50:43 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	8.06	152	56527	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	247801	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	166221	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	401693	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	387630	20.00	ng	-0.02
87) Perylene-d12	24.99	264	399784	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	473973	139.39	ng	0.00
7) Phenol-d6	7.22	99	689269	146.68	ng	0.00
23) Nitrobenzene-d5	9.24	82	399010	85.59	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	264941	147.48	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	934056	83.27	ng	-0.01
79) Terphenyl-d14	20.04	244	1424435	82.67	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	54855	34.309	ng	96
3) Pyridine	3.90	79	146555	34.044	ng	100
4) n-Nitrosodimethylamine	3.83	42	72576	36.446	ng	82
6) Aniline	7.39	93	146829	24.049	ng	97
8) 2-Chlorophenol	7.62	128	175752	44.155	ng	96
9) Benzaldehyde	7.20	77	38121	11.826	ng	94
10) Phenol	7.24	94	236550	46.376	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	164486	40.263	ng	98
12) 1,3-Dichlorobenzene	7.94	146	168804	39.013	ng	100
13) 1,4-Dichlorobenzene	8.09	146	173501	40.260	ng	99
14) 1,2-Dichlorobenzene	8.41	146	165505	40.160	ng	98
15) Benzyl Alcohol	8.30	79	160949	42.528	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	307195	39.180	ng	98
17) 2-Methylphenol	8.49	107	165651	46.933	ng	97
18) Hexachloroethane	9.14	117	60593	36.964	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	138171	41.009	ng	98
20) 3+4-Methylphenols	8.83	107	224016	46.851	ng	96
22) Acetophenone	8.88	105	264212	42.743	ng	97
24) Nitrobenzene	9.28	77	199623	41.350	ng	99
25) Isophorone	9.79	82	406111	42.337	ng	99
26) 2-Nitrophenol	9.98	139	102872	44.971	ng	98
27) 2,4-Dimethylphenol	10.03	122	176085	48.461	ng	98
28) bis(2-Chloroethoxy)methane	10.27	93	243746	42.950	ng	98
29) 2,4-Dichlorophenol	10.52	162	189189	47.969	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	183409	42.351	ng	98
31) Naphthalene	10.92	128	549549	43.266	ng	98
32) Benzoic acid	10.13	122	25336m	11.541	ng	
33) 4-Chloroaniline	11.03	127	106228	19.607	ng	97
34) Hexachlorobutadiene	11.19	225	112398	40.582	ng	97
35) Caprolactam	11.86	113	75663m	48.343	ng	
36) 4-Chloro-3-methylphenol	12.15	107	216451	47.738	ng	99
37) 2-Methylnaphthalene	12.52	142	428272	45.590	ng	98
38) 1-Methylnaphthalene	12.74	142	407725	44.759	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	216718	41.021	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	254570	87.759	ng	95
43) 2,4,6-Trichlorophenol	13.13	196	159548	46.841	ng	98
44) 2,4,5-Trichlorophenol	13.20	196	167750	45.183	ng	96
46) 1,1'-Biphenyl	13.53	154	552153	42.041	ng	100
47) 2-Chloronaphthalene	13.57	162	424988	42.185	ng	99
48) 2-Nitroaniline	13.78	65	148922	43.824	ng	97
49) Acenaphthylene	14.42	152	717998	42.035	ng	99
50) Dimethylphthalate	14.14	163	636496	48.927	ng	100
51) 2,6-Dinitrotoluene	14.27	165	128578	44.018	ng	96
52) Acenaphthene	14.75	154	418572	42.766	ng	98
53) 3-Nitroaniline	14.60	138	76446	24.724	ng	98
54) 2,4-Dinitrophenol	14.81	184	150930	97.157	ng	93
55) Dibenzofuran	15.09	168	697635	44.358	ng	99
56) 4-Nitrophenol	14.91	139	230271	92.275	ng	97
57) 2,4-Dinitrotoluene	15.06	165	183727	45.267	ng	98
58) Fluorene	15.73	166	542096	43.841	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	168632	50.053	ng	99
60) Diethylphthalate	15.49	149	594959	44.693	ng	99
61) 4-Chlorophenyl-phenylether	15.72	204	295792	44.753	ng	98
62) 4-Nitroaniline	15.77	138	144708	43.610	ng	99
63) Azobenzene	16.02	77	548153	43.654	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	107840	47.785	ng	98
66) n-Nitrosodiphenylamine	15.94	169	512000	43.557	ng	98
67) 4-Bromophenyl-phenylether	16.62	248	195623	43.275	ng	97
68) Hexachlorobenzene	16.73	284	201453	44.323	ng	95
69) Atrazine	16.88	200	190149	43.486	ng	97
70) Pentachlorophenol	17.08	266	235774	89.726	ng	96
71) Phenanthrene	17.48	178	916340	43.400	ng	100
72) Anthracene	17.57	178	931667	44.086	ng	99
73) Carbazole	17.84	167	878204	43.910	ng	99
74) Di-n-butylphthalate	18.37	149	1021169	43.074	ng	100
75) Fluoranthene	19.48	202	1093695	43.745	ng	99
77) Benzidine	19.67	184	303759	21.701	ng	98
78) Pyrene	19.85	202	1093319	42.890	ng	99
80) Butylbenzylphthalate	20.71	149	476013	43.639	ng	96
81) Benzo(a)anthracene	21.69	228	1016414	42.571	ng	99
82) 3,3'-Dichlorobenzidine	21.60	252	208618	22.969	ng	97
83) Chrysene	21.76	228	977824	42.614	ng	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	666789	42.763	ng	99
85) Di-n-octyl phthalate	22.79	149	1139330	42.887	ng	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1218968	43.434	ng	100
88) Benzo(b)fluoranthene	23.95	252	1054847	43.097	ng	99
89) Benzo(k)fluoranthene	24.01	252	1023620	45.477	ng	98
90) Benzo(a)pyrene	24.85	252	1042525	45.396	ng	98
91) Dibenzo(a,h)anthracene	28.84	278	991457	46.484	ng	99
92) Benzo(g,h,i)perylene	29.97	276	1015925	46.347	ng	97

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

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