Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039567.D
Acq On : 19 Feb 2019 23:01
Operator : JU/SJ
Sample : K1528-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-1MSD

Manual Integrations APPROVED
Sohil
2/20/2019 4:18:40 PM

Quant Time: Feb 20 10:24:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59190	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	247167	20.00	ng		-0.01
39) Acenaphthene-d10	14.79	164	167359	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	383864	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	369975	20.00	ng		-0.02
87) Perylene-d12	25.21	264	377568	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	211257	61.09	ng		0.00
7) Phenol-d6	7.32	99	188346	37.00	ng		0.00
23) Nitrobenzene-d5	9.35	82	448297	113.31	ng		-0.01
42) 2,4,6-Tribromophenol	16.28	330	282329	156.66	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1083821	92.90	ng		-0.02
79) Terphenyl-d14	20.12	244	1468004	83.99	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	23098	15.269	ng	#	94
3) Pyridine	4.01	79	67716	16.907	ng		92
4) n-Nitrosodimethylamine	3.93	42	43462	21.698	ng		99
6) Aniline	7.49	93	171948	26.966	ng		97
8) 2-Chlorophenol	7.74	128	149056	39.430	ng		97
9) Benzaldehyde	7.31	77	382728	Below Cal		#	1
10) Phenol	7.35	94	75240	14.179	ng		92
11) bis(2-Chloroethyl)ether	7.59	93	178476	42.564	ng		99
12) 1,3-Dichlorobenzene	8.06	146	196777	42.969	ng		98
13) 1,4-Dichlorobenzene	8.21	146	204914	44.893	ng		97
14) 1,2-Dichlorobenzene	8.53	146	192718	43.613	ng		99
15) Benzyl Alcohol	8.41	79	110917	27.753	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	367142	38.772	ng		55
17) 2-Methylphenol	8.61	107	113116	32.940	ng		94
18) Hexachloroethane	9.27	117	349197	222.364	ng	#	1
19) n-Nitroso-di-n-propylamine	8.98	70	152945	42.331	ng		95
20) 3+4-Methylphenols	8.93	107	145379	30.743	ng		97
22) Acetophenone	9.00	105	284966	42.921	ng	#	96
24) Nitrobenzene	9.39	77	271355	63.485	ng		97
25) Isophorone	9.91	82	436057	49.736	ng		98
26) 2-Nitrophenol	10.10	139	108524	59.949	ng		98
27) 2,4-Dimethylphenol	10.14	122	175481	49.478	ng		97
28) bis(2-Chloroethoxy)methane	10.39	93	260726	48.280	ng		99
29) 2,4-Dichlorophenol	10.64	162	187110	48.271	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	213981	49.170	ng		98
31) Naphthalene	11.05	128	3835154	312.773	ng	#	81
32) Benzoic acid	10.32	122	226624	88.262	ng	#	78
33) 4-Chloroaniline	11.15	127	151504	26.648	ng		99
34) Hexachlorobutadiene	11.30	225	139328	48.141	ng		95
35) Caprolactam	12.11	113	10208m	6.364	ng		
36) 4-Chloro-3-methylphenol	12.25	107	192288	42.894	ng		98
37) 2-Methylnaphthalene	12.64	142	1268798	139.708	ng		98
38) 1-Methylnaphthalene	12.85	142	779328	89.022	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	257952	48.443	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	285992	98.563	ng		97
43) 2,4,6-Trichlorophenol	13.23	196	168509	51.469	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	182311	53.130	ng		98
46) 1,1'-Biphenyl	13.63	154	632362	45.413	ng		100
47) 2-Chloronaphthalene	13.68	162	485189	46.318	ng		98
48) 2-Nitroaniline	13.89	65	170343	55.120	ng		91
49) Acenaphthylene	14.52	152	773859	48.959	ng		98
50) Dimethylphthalate	14.24	163	629231	46.553	ng		100
51) 2,6-Dinitrotoluene	14.37	165	142889	55.393	ng		95
52) Acenaphthene	14.86	154	472121	46.015	ng		97
53) 3-Nitroaniline	14.71	138	97804	37.343	ng	#	96
54) 2,4-Dinitrophenol	14.91	184	137002	105.871	ng		98
55) Dibenzofuran	15.19	168	772095	46.934	ng		99
56) 4-Nitrophenol	15.00	139	79232	35.866	ng		88
57) 2,4-Dinitrotoluene	15.16	165	201372	59.911	ng	#	87
58) Fluorene	15.84	166	603552	49.217	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	177618	55.283	ng		97
60) Diethylphthalate	15.59	149	638551	45.692	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	323649	46.610	ng		96
62) 4-Nitroaniline	15.87	138	138853	48.902	ng		91
63) Azobenzene	16.11	77	579316	42.412	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	103996	61.767	ng		99
66) n-Nitrosodiphenylamine	16.04	169	552911	47.371	ng		100
67) 4-Bromophenyl-phenylether	16.72	248	211347	49.629	ng		96
68) Hexachlorobenzene	16.83	284	212850	49.817	ng		96
69) Atrazine	16.98	200	191701	44.943	ng		97
70) Pentachlorophenol	17.18	266	252569	85.053	ng		100
71) Phenanthrene	17.58	178	964433	48.543	ng		99
72) Anthracene	17.67	178	984816	50.323	ng		98
73) Carbazole	17.94	167	857015	43.881	ng		99
74) Di-n-butylphthalate	18.47	149	1027412	45.092	ng		98
75) Fluoranthene	19.58	202	1086359	47.110	ng		99
78) Pyrene	19.94	202	1109797	48.185	ng		99
80) Butylbenzylphthalate	20.81	149	481664	49.576	ng		98
81) Benzo(a)anthracene	21.80	228	1078567	49.336	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	49036	6.049	ng	#	99
83) Chrysene	21.88	228	1020042	49.015	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	658094	47.479	ng		100
85) Di-n-octyl phthalate	22.93	149	1121751	48.986	ng		98
86) Indeno(1,2,3-cd)pyrene	29.09	276	1161281	52.009	ng		97
88) Benzo(b)fluoranthene	24.13	252	1038062	50.414	ng		98
89) Benzo(k)fluoranthene	24.20	252	990085	47.893	ng		100
90) Benzo(a)pyrene	25.05	252	1008862	50.874	ng		98
91) Dibenzo(a,h)anthracene	29.17	278	916446	49.347	ng		100
92) Benzo(g,h,i)perylene	30.32	276	967927	52.291	ng		99

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

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