Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039913.D
Acq On : 13 Mar 2019 22:02
Operator : JU/SJ
Sample : K1869-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1MSD

Manual Integrations APPROVED
Sohil
3/14/2019 11:12:15 AM

Quant Time: Mar 14 04:38:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	42700	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	180636	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	116452	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	275407	20.00	ng	-0.01
76) Chrysene-d12	21.80	240	295266	20.00	ng	-0.02
87) Perylene-d12	25.16	264	305513	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	308638	123.31	ng	-0.01
7) Phenol-d6	7.29	99	402849	107.94	ng	-0.02
23) Nitrobenzene-d5	9.33	82	305502	91.47	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	183899	135.49	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	709757	86.78	ng	-0.02
79) Terphenyl-d14	20.11	244	1139510	84.97	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	39182	33.908	ng	# 1
3) Pyridine	4.00	79	98492	31.838	ng	97
4) n-Nitrosodimethylamine	3.91	42	56248	38.327	ng	95
6) Aniline	7.48	93	117568	24.045	ng	97
8) 2-Chlorophenol	7.71	128	118220	38.933	ng	97
9) Benzaldehyde	7.29	77	51763	21.502	ng	98
10) Phenol	7.32	94	136791	33.834	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	123756	39.261	ng	100
12) 1,3-Dichlorobenzene	8.03	146	132225	38.502	ng	98
13) 1,4-Dichlorobenzene	8.18	146	136108	38.909	ng	98
14) 1,2-Dichlorobenzene	8.50	146	130595	38.640	ng	96
15) Benzyl Alcohol	8.39	79	118397	39.993	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	244937	38.852	ng	99
17) 2-Methylphenol	8.58	107	100123	38.838	ng	98
18) Hexachloroethane	9.23	117	48427	38.582	ng	96
19) n-Nitroso-di-n-propylamine	8.95	70	102616	38.201	ng	94
20) 3+4-Methylphenols	8.91	107	133928	37.396	ng	95
22) Acetophenone	8.97	105	191183	39.434	ng	97
24) Nitrobenzene	9.37	77	148370	42.345	ng	99
25) Isophorone	9.88	82	292001	41.725	ng	99
26) 2-Nitrophenol	10.08	139	70190	41.491	ng	93
27) 2,4-Dimethylphenol	10.12	122	125230	47.597	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	174245	40.972	ng	99
29) 2,4-Dichlorophenol	10.61	162	133448	45.049	ng	94
30) 1,2,4-Trichlorobenzene	10.82	180	136759	41.027	ng	98
31) Naphthalene	11.02	128	390210	40.800	ng	99
32) Benzoic acid	10.22	122	20928	16.591	ng	96
33) 4-Chloroaniline	11.14	127	30717	7.574	ng	97
34) Hexachlorobutadiene	11.28	225	92730	40.710	ng	98
35) Caprolactam	11.91	113	32289m	28.534	ng	
36) 4-Chloro-3-methylphenol	12.23	107	138129	40.677	ng	99
37) 2-Methylnaphthalene	12.61	142	295136	41.276	ng	97
38) 1-Methylnaphthalene	12.83	142	277296	39.906	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	165105	41.851	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	206031	97.451	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	107292	46.453	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	113994	43.786	ng		95
46) 1,1'-Biphenyl	13.61	154	399613	41.722	ng		98
47) 2-Chloronaphthalene	13.66	162	304004	42.191	ng		98
48) 2-Nitroaniline	13.87	65	105605	45.606	ng		94
49) Acenaphthylene	14.50	152	485562	41.050	ng		99
50) Dimethylphthalate	14.22	163	406272	41.722	ng		99
51) 2,6-Dinitrotoluene	14.36	165	91493	44.321	ng		95
52) Acenaphthene	14.84	154	296989	41.716	ng		99
53) 3-Nitroaniline	14.68	138	53077	25.578	ng	#	92
54) 2,4-Dinitrophenol	14.89	184	53166	43.412	ng		96
55) Dibenzofuran	15.17	168	483264	41.373	ng		96
56) 4-Nitrophenol	14.98	139	129585	69.808	ng		90
57) 2,4-Dinitrotoluene	15.14	165	127488	43.952	ng	#	88
58) Fluorene	15.82	166	381056	41.498	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	115508	45.430	ng		97
60) Diethylphthalate	15.57	149	410169	42.551	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	207590	42.365	ng		99
62) 4-Nitroaniline	15.85	138	96259	42.789	ng		92
63) Azobenzene	16.09	77	366895	41.988	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	49538	30.421	ng		99
66) n-Nitrosodiphenylamine	16.02	169	348646	43.728	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	132879	43.104	ng		95
68) Hexachlorobenzene	16.81	284	135495	42.402	ng		94
69) Atrazine	16.96	200	141010	44.937	ng		95
70) Pentachlorophenol	17.16	266	147142	72.911	ng		99
71) Phenanthrene	17.56	178	637710	42.038	ng		99
72) Anthracene	17.65	178	646572	43.738	ng		99
73) Carbazole	17.93	167	573544	43.037	ng		98
74) Di-n-butylphthalate	18.46	149	715935	45.659	ng		100
75) Fluoranthene	19.56	202	793415	44.256	ng		99
77) Benzidine	19.74	184	173107	18.475	ng		98
78) Pyrene	19.92	202	796830	41.531	ng		99
80) Butylbenzylphthalate	20.79	149	340308	45.781	ng		95
81) Benzo(a)anthracene	21.79	228	774753	41.867	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	161243	23.866	ng		99
83) Chrysene	21.86	228	738502	41.165	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	469946	44.990	ng		98
85) Di-n-octyl phthalate	22.90	149	803631	46.464	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	880829	43.279	ng	#	95
88) Benzo(b)fluoranthene	24.09	252	774073	42.489	ng		98
89) Benzo(k)fluoranthene	24.16	252	756455	44.606	ng		99
90) Benzo(a)pyrene	25.01	252	758831	45.075	ng		98
91) Dibenzo(a,h)anthracene	29.10	278	709715	43.002	ng		98
92) Benzo(g,h,i)perylene	30.26	276	727496	43.890	ng		97

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

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