Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039699.D
Acq On : 1 Mar 2019 22:57
Operator : JU/SJ
Sample : K1665-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
200051MS

Manual Integrations APPROVED
Sohil
3/4/2019 12:19:34 PM

Quant Time: Mar 02 03:32:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	55274	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	232409	20.00	ng	0.00
39) Acenaphthene-d10	14.79	164	151310	20.00	ng	0.00
64) Phenanthrene-d10	17.54	188	339527	20.00	ng	0.00
76) Chrysene-d12	21.82	240	350379	20.00	ng	0.00
87) Perylene-d12	25.20	264	364893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	430283	133.23	ng	0.00
7) Phenol-d6	7.31	99	574784	120.91	ng	0.00
23) Nitrobenzene-d5	9.35	82	415197	111.61	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	240496	147.60	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	934164	88.57	ng	0.00
79) Terphenyl-d14	20.13	244	1426589	86.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	47596	33.692	ng	# 22
3) Pyridine	4.02	79	126741	33.886	ng	97
4) n-Nitrosodimethylamine	3.92	42	75123	40.161	ng	# 94
6) Aniline	7.50	93	76847	12.906	ng	98
8) 2-Chlorophenol	7.73	128	154758	43.838	ng	98
9) Benzaldehyde	7.31	77	123414	59.894	ng	98
10) Phenol	7.34	94	186168	37.568	ng	97
11) bis(2-Chloroethyl)ether	7.58	93	157915	40.328	ng	99
12) 1,3-Dichlorobenzene	8.05	146	167397	39.143	ng	96
13) 1,4-Dichlorobenzene	8.20	146	171309	40.189	ng	97
14) 1,2-Dichlorobenzene	8.52	146	165633	40.139	ng	99
15) Benzyl Alcohol	8.41	79	154749	41.464	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	310534	35.118	ng	99
17) 2-Methylphenol	8.60	107	136895	42.689	ng	93
18) Hexachloroethane	9.25	117	62098	42.345	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	131070	38.846	ng	93
20) 3+4-Methylphenols	8.93	107	186780	42.296	ng	98
22) Acetophenone	8.99	105	250496	40.125	ng	# 95
24) Nitrobenzene	9.39	77	198695	49.438	ng	96
25) Isophorone	9.90	82	379071	45.981	ng	98
26) 2-Nitrophenol	10.09	139	93732	56.340	ng	# 94
27) 2,4-Dimethylphenol	10.14	122	160815	48.222	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	227209	44.745	ng	99
29) 2,4-Dichlorophenol	10.63	162	171098	46.943	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	178530	43.628	ng	98
31) Naphthalene	11.04	128	534745	46.380	ng	99
32) Benzoic acid	10.24	122	42167	24.701	ng	95
33) 4-Chloroaniline	11.15	127	13551	2.535	ng	# 96
34) Hexachlorobutadiene	11.30	225	116378	42.765	ng	94
35) Caprolactam	11.93	113	43254m	28.678	ng	
36) 4-Chloro-3-methylphenol	12.25	107	181965	43.168	ng	98
37) 2-Methylnaphthalene	12.63	142	386736	45.288	ng	97
38) 1-Methylnaphthalene	12.85	142	372527	45.255	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	212276	44.093	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	241567	92.083	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	140191	47.361	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	147048	47.399	ng		99
46) 1,1'-Biphenyl	13.62	154	514261	40.849	ng		100
47) 2-Chloronaphthalene	13.68	162	400447	42.283	ng		98
48) 2-Nitroaniline	13.88	65	133760	48.964	ng		94
49) Acenaphthylene	14.52	152	634191	44.378	ng		98
50) Dimethylphthalate	14.23	163	517728	42.366	ng		99
51) 2,6-Dinitrotoluene	14.37	165	115169	50.094	ng		98
52) Acenaphthene	14.86	154	392431	42.305	ng		99
53) 3-Nitroaniline	14.70	138	20428	13.082	ng	#	86
54) 2,4-Dinitrophenol	14.90	184	48948	56.654	ng		99
55) Dibenzofuran	15.19	168	627483	42.190	ng		99
56) 4-Nitrophenol	14.99	139	148547	68.154	ng		95
57) 2,4-Dinitrotoluene	15.15	165	157859	52.987	ng		89
58) Fluorene	15.83	166	495199	44.664	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	136445	46.972	ng		98
60) Diethylphthalate	15.59	149	514873	40.750	ng		100
61) 4-Chlorophenyl-phenylether	15.82	204	260086	41.429	ng		98
62) 4-Nitroaniline	15.87	138	112429	44.234	ng		95
63) Azobenzene	16.11	77	466711	37.792	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	61870	46.754	ng		95
66) n-Nitrosodiphenylamine	16.04	169	445952	43.196	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	165510	43.941	ng		96
68) Hexachlorobenzene	16.82	284	170370	45.082	ng		98
69) Atrazine	16.97	200	157148	41.653	ng		96
70) Pentachlorophenol	17.17	266	174581	66.468	ng		98
71) Phenanthrene	17.58	178	804637	45.788	ng		97
72) Anthracene	17.66	178	802635	46.370	ng		99
73) Carbazole	17.94	167	723266	41.869	ng		98
74) Di-n-butylphthalate	18.47	149	853853	42.369	ng		99
75) Fluoranthene	19.57	202	959872	47.060	ng		99
77) Benzidine	19.76	184	56550	4.923	ng		99
78) Pyrene	19.94	202	981558	45.001	ng		99
80) Butylbenzylphthalate	20.80	149	421135	45.770	ng		97
81) Benzo(a)anthracene	21.80	228	955079	46.131	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	86343	11.247	ng		98
83) Chrysene	21.87	228	906751	46.008	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	574280	43.749	ng		99
85) Di-n-octyl phthalate	22.92	149	988379	45.576	ng		96
86) Indeno(1,2,3-cd)pyrene	29.08	276	1045437	49.440	ng	#	96
88) Benzo(b)fluoranthene	24.12	252	948687	47.674	ng		99
89) Benzo(k)fluoranthene	24.19	252	896982	44.897	ng		99
90) Benzo(a)pyrene	25.04	252	916379	47.816	ng		99
91) Dibenzo(a,h)anthracene	29.15	278	828118	46.140	ng		99
92) Benzo(g,h,i)perylene	30.31	276	859439	48.043	ng		98

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

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