Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039875.D
Acq On : 12 Mar 2019 15:35
Operator : JU/SJ
Sample : K1830-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BALLFIELD-SS-03072019MSD

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:24 PM

Quant Time: Mar 13 06:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	41842	20.00	ng		0.00
21) Naphthalene-d8	10.97	136	185337	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	130719	20.00	ng		0.00
64) Phenanthrene-d10	17.52	188	321928	20.00	ng		0.00
76) Chrysene-d12	21.81	240	324006	20.00	ng		0.00
87) Perylene-d12	25.18	264	327938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	326326	133.05	ng		0.00
7) Phenol-d6	7.30	99	485656	132.80	ng		0.00
23) Nitrobenzene-d5	9.33	82	277782	81.06	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	198457	130.25	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	686026	74.72	ng		0.00
79) Terphenyl-d14	20.12	244	1098715	74.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	38153	33.695	ng		97
3) Pyridine	3.99	79	43675	14.408	ng		97
4) n-Nitrosodimethylamine	3.91	42	56120	39.024	ng		86
6) Aniline	7.48	93	130754	27.290	ng		99
8) 2-Chlorophenol	7.72	128	118129	39.701	ng		94
9) Benzaldehyde	7.29	77	56991	24.159	ng		96
10) Phenol	7.33	94	172044	43.427	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	111316	36.038	ng		97
12) 1,3-Dichlorobenzene	8.04	146	123692	36.756	ng		99
13) 1,4-Dichlorobenzene	8.19	146	123839	36.128	ng		98
14) 1,2-Dichlorobenzene	8.51	146	119428	36.061	ng		99
15) Benzyl Alcohol	8.39	79	116381	40.119	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	222916	36.084	ng		99
17) 2-Methylphenol	8.59	107	107861	42.698	ng		97
18) Hexachloroethane	9.23	117	43335	35.234	ng		99
19) n-Nitroso-di-n-propylamine	8.96	70	94572	35.929	ng		96
20) 3+4-Methylphenols	8.92	107	150972	43.020	ng		98
22) Acetophenone	8.98	105	181439	36.475	ng	#	96
24) Nitrobenzene	9.37	77	140565	39.100	ng		97
25) Isophorone	9.88	82	275676	38.393	ng		99
26) 2-Nitrophenol	10.08	139	70536	40.638	ng		96
27) 2,4-Dimethylphenol	10.13	122	127564	47.254	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	163226	37.407	ng		98
29) 2,4-Dichlorophenol	10.61	162	137365	45.195	ng		94
30) 1,2,4-Trichlorobenzene	10.83	180	128343	37.526	ng		99
31) Naphthalene	11.02	128	372376	37.948	ng		99
32) Benzoic acid	10.25	122	52184	30.882	ng		90
33) 4-Chloroaniline	11.14	127	112873	27.126	ng		95
34) Hexachlorobutadiene	11.29	225	83954	35.922	ng		94
35) Caprolactam	11.92	113	50739m	43.702	ng		
36) 4-Chloro-3-methylphenol	12.23	107	150182	43.105	ng		94
37) 2-Methylnaphthalene	12.62	142	289071	39.403	ng		98
38) 1-Methylnaphthalene	12.83	142	278539	39.068	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	160841	36.320	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	200561	84.510	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	115060	44.379	ng		99
44) 2,4,5-Trichlorophenol	13.29	196	122433	41.895	ng		98
46) 1,1'-Biphenyl	13.62	154	398166	37.034	ng		99
47) 2-Chloronaphthalene	13.66	162	312462	38.632	ng		98
48) 2-Nitroaniline	13.87	65	113092	43.509	ng		99
49) Acenaphthylene	14.51	152	503181	37.897	ng		98
50) Dimethylphthalate	14.23	163	487423	44.593	ng		99
51) 2,6-Dinitrotoluene	14.36	165	95449	41.191	ng		93
52) Acenaphthene	14.84	154	306107	38.304	ng		99
53) 3-Nitroaniline	14.69	138	77070	33.087	ng	#	94
54) 2,4-Dinitrophenol	14.90	184	104512	72.076	ng		97
55) Dibenzofuran	15.18	168	504595	38.485	ng		98
56) 4-Nitrophenol	14.98	139	165429	79.391	ng		91
57) 2,4-Dinitrotoluene	15.14	165	137001	42.077	ng		85
58) Fluorene	15.82	166	401646	38.966	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	124877	43.754	ng		98
60) Diethylphthalate	15.58	149	432096	39.933	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	211661	38.482	ng		97
62) 4-Nitroaniline	15.86	138	102413	40.556	ng		93
63) Azobenzene	16.10	77	386924	39.448	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	77152	40.533	ng		97
66) n-Nitrosodiphenylamine	16.02	169	375930	40.336	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	140222	38.913	ng		96
68) Hexachlorobenzene	16.82	284	142669	38.196	ng		97
69) Atrazine	16.96	200	148365	40.449	ng		97
70) Pentachlorophenol	17.16	266	180446	76.493	ng		99
71) Phenanthrene	17.57	178	673538	37.984	ng		99
72) Anthracene	17.66	178	679586	39.328	ng		99
73) Carbazole	17.93	167	605095	38.843	ng		99
74) Di-n-butylphthalate	18.46	149	722925	39.443	ng		100
75) Fluoranthene	19.57	202	798649	38.110	ng		99
77) Benzidine	19.75	184	75032	7.298	ng		99
78) Pyrene	19.93	202	795864	37.801	ng		99
80) Butylbenzylphthalate	20.79	149	342864	42.034	ng		96
81) Benzo(a)anthracene	21.79	228	752730	37.069	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	214709	28.961	ng		98
83) Chrysene	21.86	228	727261	36.942	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	459336	40.073	ng	#	98
85) Di-n-octyl phthalate	22.91	149	794318	41.852	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	845375	37.853	ng	#	96
88) Benzo(b)fluoranthene	24.10	252	751081	38.407	ng		98
89) Benzo(k)fluoranthene	24.17	252	735161	40.386	ng		99
90) Benzo(a)pyrene	25.02	252	736132	40.737	ng		98
91) Dibenzo(a,h)anthracene	29.13	278	688925	38.888	ng		99
92) Benzo(g,h,i)perylene	30.29	276	688875	38.718	ng		98

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

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