Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039166.D
Acq On : 16 Jan 2019 20:54
Operator : JU/SJ
Sample : K1142-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMS

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:14 PM

Quant Time: Jan 17 04:50:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	18618	20.00	ng		-0.01
21) Naphthalene-d8	10.83	136	89636	20.00	ng		-0.01
39) Acenaphthene-d10	14.66	164	63354	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	154797	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	166252	20.00	ng		-0.02
87) Perylene-d12	24.95	264	201671	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	205343	209.22	ng		-0.01
7) Phenol-d6	7.18	99	206043	145.88	ng		-0.01
23) Nitrobenzene-d5	9.19	82	134333	82.01	ng		-0.02
42) 2,4,6-Tribromophenol	16.16	330	136778	128.79	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	378787	81.83	ng		-0.01
79) Terphenyl-d14	20.01	244	767567	85.41	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	10817	28.144	ng		91
3) Pyridine	3.85	79	32317	30.945	ng		97
4) n-Nitrosodimethylamine	3.78	42	23869	50.791	ng		97
6) Aniline	7.34	93	32233	19.002	ng		96
8) 2-Chlorophenol	7.58	128	51183	44.240	ng		98
9) Benzaldehyde	7.16	77	14077	17.282	ng		93
10) Phenol	7.21	94	68895	48.652	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	39388	36.393	ng		99
12) 1,3-Dichlorobenzene	7.90	146	48227	34.792	ng		98
13) 1,4-Dichlorobenzene	8.05	146	52901	37.683	ng		96
14) 1,2-Dichlorobenzene	8.37	146	51564	38.523	ng		96
15) Benzyl Alcohol	8.26	79	49512	46.548	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	86147	41.510	ng		98
17) 2-Methylphenol	8.46	107	46244	47.030	ng		95
18) Hexachloroethane	9.09	117	17541	36.779	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	39071	42.124	ng	#	96
20) 3+4-Methylphenols	8.79	107	67357	48.046	ng		99
22) Acetophenone	8.85	105	79167	33.820	ng	#	99
24) Nitrobenzene	9.24	77	62916	37.999	ng		98
25) Isophorone	9.75	82	139538	49.452	ng		98
26) 2-Nitrophenol	9.95	139	37565	41.945	ng		99
27) 2,4-Dimethylphenol	10.00	122	59893	47.535	ng		90
28) bis(2-Chloroethoxy)methane	10.23	93	65947	38.887	ng		98
29) 2,4-Dichlorophenol	10.48	162	80083	51.162	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	74830	39.787	ng		97
31) Naphthalene	10.89	128	184461	41.031	ng		98
32) Benzoic acid	10.15	122	12199m	22.091	ng		
33) 4-Chloroaniline	11.01	127	19269	9.579	ng		96
34) Hexachlorobutadiene	11.14	225	52966	40.928	ng		96
35) Caprolactam	11.78	113	22706m	36.174	ng		
36) 4-Chloro-3-methylphenol	12.13	107	71256	42.562	ng		95
37) 2-Methylnaphthalene	12.48	142	136983	40.641	ng		97
38) 1-Methylnaphthalene	12.71	142	130225	40.253	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	88231	37.083	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	83983	63.914	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	62179	41.522	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	65458	41.358	ng		96
46) 1,1'-Biphenyl	13.49	154	188681	37.586	ng		99
47) 2-Chloronaphthalene	13.54	162	152696	37.588	ng		99
48) 2-Nitroaniline	13.76	65	43890	38.565	ng		95
49) Acenaphthylene	14.39	152	248599	40.714	ng		99
50) Dimethylphthalate	14.11	163	310958	58.083	ng		100
51) 2,6-Dinitrotoluene	14.25	165	46214	38.610	ng		99
52) Acenaphthene	14.72	154	142919	38.957	ng		97
53) 3-Nitroaniline	14.58	138	19725	16.245	ng		87
54) 2,4-Dinitrophenol	14.79	184	30776	45.497	ng		91
55) Dibenzofuran	15.06	168	258775	39.939	ng		100
56) 4-Nitrophenol	14.89	139	64464	73.785	ng		99
57) 2,4-Dinitrotoluene	15.03	165	66571	38.766	ng		96
58) Fluorene	15.71	166	201055	41.225	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	63220	42.315	ng		99
60) Diethylphthalate	15.46	149	217516	39.434	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	117293	38.174	ng		97
62) 4-Nitroaniline	15.75	138	42986	33.983	ng		98
63) Azobenzene	15.99	77	162336	37.633	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	33899	29.559	ng		97
66) n-Nitrosodiphenylamine	15.91	169	184131	40.125	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	80050	40.229	ng		96
68) Hexachlorobenzene	16.70	284	84241	38.798	ng		97
69) Atrazine	16.85	200	73242	37.570	ng		97
70) Pentachlorophenol	17.05	266	76878	58.951	ng		97
71) Phenanthrene	17.45	178	344081	42.053	ng		98
72) Anthracene	17.54	178	349589	43.213	ng		99
73) Carbazole	17.82	167	305769	38.287	ng		99
74) Di-n-butylphthalate	18.35	149	352508	39.677	ng		99
75) Fluoranthene	19.46	202	464122	45.757	ng		99
77) Benzidine	19.65	184	68276	13.427	ng		99
78) Pyrene	19.82	202	504330	47.601	ng		99
80) Butylbenzylphthalate	20.69	149	218827	54.304	ng		99
81) Benzo(a)anthracene	21.67	228	426759	42.168	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	66921	16.229	ng		100
83) Chrysene	21.73	228	389240	40.438	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	237363	42.422	ng		95
85) Di-n-octyl phthalate	22.74	149	377085	39.856	ng		100
86) Indeno(1,2,3-cd)pyrene	28.68	276	520092	45.219	ng	#	95
88) Benzo(b)fluoranthene	23.91	252	434886	39.108	ng		98
89) Benzo(k)fluoranthene	23.97	252	434110	39.483	ng		97
90) Benzo(a)pyrene	24.79	252	468492	43.587	ng		99
91) Dibenzo(a,h)anthracene	28.75	278	422465	39.515	ng		100
92) Benzo(g,h,i)perylene	29.87	276	412969	39.018	ng		97

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

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