Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040288.D
Acq On : 2 Apr 2019 7:07
Operator : JU/SJ
Sample : K2179-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-4SMS

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:31 PM

Quant Time: Apr 02 09:21:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	60578	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	271196	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	184277	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	464159	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	445664	20.00	ng		-0.02
87) Perylene-d12	25.06	264	455221	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	471394	129.36	ng		0.00
7) Phenol-d6	7.21	99	693870	137.78	ng		-0.02
23) Nitrobenzene-d5	9.23	82	396545	77.72	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	281662	141.43	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	936785	75.33	ng		-0.02
79) Terphenyl-d14	20.03	244	1443285	72.86	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	52846	30.842	ng		95
3) Pyridine	3.90	79	141311	30.631	ng		97
4) n-Nitrosodimethylamine	3.82	42	70361	32.971	ng	#	90
6) Aniline	7.38	93	112528	17.198	ng		95
8) 2-Chlorophenol	7.61	128	166328	38.993	ng		97
9) Benzaldehyde	7.20	77	113030	32.720	ng		98
10) Phenol	7.24	94	245698	44.948	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	158899	36.294	ng		98
12) 1,3-Dichlorobenzene	7.94	146	156119	33.668	ng		95
13) 1,4-Dichlorobenzene	8.09	146	161257	34.916	ng		99
14) 1,2-Dichlorobenzene	8.41	146	155631	35.238	ng		100
15) Benzyl Alcohol	8.29	79	157240	38.770	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	295131	35.124	ng		97
17) 2-Methylphenol	8.49	107	155988	41.240	ng		97
18) Hexachloroethane	9.13	117	57407	32.678	ng		98
19) n-Nitroso-di-n-propylamine	8.86	70	129323	35.816	ng		100
20) 3+4-Methylphenols	8.82	107	214335	41.828	ng		97
22) Acetophenone	8.88	105	256384	37.899	ng	#	96
24) Nitrobenzene	9.27	77	191031	36.157	ng		99
25) Isophorone	9.78	82	387088	36.873	ng		98
26) 2-Nitrophenol	9.98	139	96542	38.563	ng		96
27) 2,4-Dimethylphenol	10.02	122	176031	44.266	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	233830	37.648	ng		98
29) 2,4-Dichlorophenol	10.51	162	183001	42.397	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	175717	37.075	ng		97
31) Naphthalene	10.92	128	524801	37.753	ng		98
33) 4-Chloroaniline	11.03	127	92202	15.550	ng		95
34) Hexachlorobutadiene	11.18	225	103626	34.187	ng		94
35) Caprolactam	11.82	113	69926m	40.823	ng		
36) 4-Chloro-3-methylphenol	12.14	107	218662	44.066	ng		97
37) 2-Methylnaphthalene	12.52	142	406431	39.533	ng		99
38) 1-Methylnaphthalene	12.74	142	393686	39.490	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	209418	35.755	ng		99
41) Hexachlorocyclopentadiene	12.85	237	222328	69.134	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	13.12	196	158188	41.891	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	172840	41.993	ng		97
46) 1,1'-Biphenyl	13.52	154	538279	36.969	ng		100
47) 2-Chloronaphthalene	13.57	162	421731	37.760	ng		98
48) 2-Nitroaniline	13.78	65	148778	39.492	ng		96
49) Acenaphthylene	14.41	152	713469	37.677	ng		99
50) Dimethylphthalate	14.14	163	641076	44.451	ng		99
51) 2,6-Dinitrotoluene	14.27	165	128603	39.713	ng		97
52) Acenaphthene	14.75	154	411811	37.952	ng		98
53) 3-Nitroaniline	14.61	138	79143	23.088	ng		97
54) 2,4-Dinitrophenol	14.80	184	94217	54.707	ng		95
55) Dibenzofuran	15.08	168	691966	39.687	ng		100
56) 4-Nitrophenol	14.90	139	225595	81.543	ng		97
57) 2,4-Dinitrotoluene	15.05	165	181575	40.353	ng		98
58) Fluorene	15.73	166	542868	39.602	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	164272	43.982	ng		99
60) Diethylphthalate	15.49	149	581890	39.428	ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	297442	40.593	ng		98
62) 4-Nitroaniline	15.77	138	144677	39.329	ng		99
63) Azobenzene	16.01	77	543524	39.044	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	96440	36.982	ng		99
66) n-Nitrosodiphenylamine	15.94	169	509572	37.517	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	196144	37.551	ng		96
68) Hexachlorobenzene	16.73	284	200728	38.220	ng		96
69) Atrazine	16.88	200	185428	36.699	ng		96
70) Pentachlorophenol	17.08	266	222628	73.321	ng		93
71) Phenanthrene	17.47	178	916718	37.575	ng		99
72) Anthracene	17.57	178	940561	38.517	ng		98
73) Carbazole	17.84	167	877335	37.963	ng		99
74) Di-n-butylphthalate	18.37	149	1011781	36.935	ng		100
75) Fluoranthene	19.48	202	1074078	37.179	ng		100
77) Benzidine	19.66	184	267316	16.610	ng		96
78) Pyrene	19.85	202	1074052	36.648	ng		99
80) Butylbenzylphthalate	20.72	149	468647	37.369	ng		96
81) Benzo(a)anthracene	21.69	228	977087	35.595	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	192138	18.400	ng	#	97
83) Chrysene	21.76	228	989492	37.507	ng		98
84) Bis(2-ethylhexyl)phthalate	21.56	149	665661	37.132	ng		99
85) Di-n-octyl phthalate	22.81	149	1137057	37.228	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	1238809m	38.393	ng		
88) Benzo(b)fluoranthene	23.96	252	1067754	38.311	ng		99
89) Benzo(k)fluoranthene	24.05	252	1013365	39.538	ng		97
90) Benzo(a)pyrene	24.90	252	1043740	39.914	ng		100
91) Dibenzo(a,h)anthracene	28.99	278	1006544	41.444	ng		98
92) Benzo(g,h,i)perylene	30.23	276	1021460	40.925	ng		98

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

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