Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
Data File : BG039144.D
Acq On : 15 Jan 2019 23:07
Operator : JU/SJ
Sample : K1142-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9AMSD

Manual Integrations APPROVED
Sohil
1/16/2019 2:06:14 PM

Quant Time: Jan 16 01:24:35 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	1357	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	9884	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	15106	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	98968	20.00	ng		0.00
76) Chrysene-d12	21.69	240	192665	20.00	ng		-0.01
87) Perylene-d12	24.96	264	198809	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	11358	158.78	ng		0.00
7) Phenol-d6	7.18	99	25075	243.57	ng		0.00
23) Nitrobenzene-d5	9.20	82	11931	66.05	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	62695	247.59	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	57785	52.35	ng		0.00
79) Terphenyl-d14	20.01	244	685755	65.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	124	4.426	ng	#	1
3) Pyridine	3.90	79	1357	17.828	ng	#	80
4) n-Nitrosodimethylamine	3.81	42	1525m	44.522	ng		
6) Aniline	7.36	93	7001	56.626	ng	#	88
8) 2-Chlorophenol	7.59	128	5290	62.734	ng		98
9) Benzaldehyde	7.18	77	1233	20.768	ng		86
10) Phenol	7.21	94	9518	92.217	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	4000	50.707	ng		89
12) 1,3-Dichlorobenzene	7.91	146	3579	35.425	ng		93
13) 1,4-Dichlorobenzene	8.06	146	4208	41.125	ng		93
14) 1,2-Dichlorobenzene	8.39	146	4433	45.439	ng		93
15) Benzyl Alcohol	8.27	79	5944	76.669	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	6114	40.420	ng		95
17) 2-Methylphenol	8.47	107	5727	79.910	ng		96
18) Hexachloroethane	9.10	117	899	25.862	ng		90
19) n-Nitroso-di-n-propylamine	8.83	70	3997	59.124	ng	#	81
20) 3+4-Methylphenols	8.80	107	8503	83.215	ng		94
22) Acetophenone	8.86	105	8326	32.256	ng	#	91
24) Nitrobenzene	9.25	77	6458	35.372	ng		95
25) Isophorone	9.76	82	14706	47.264	ng		99
26) 2-Nitrophenol	9.96	139	3787	38.348	ng		94
27) 2,4-Dimethylphenol	10.00	122	7685	55.314	ng		91
28) bis(2-Chloroethoxy)methane	10.24	93	6078	32.503	ng		93
29) 2,4-Dichlorophenol	10.50	162	9904	57.381	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	5904	28.468	ng		85
31) Naphthalene	10.89	128	20465	41.283	ng		97
32) Benzoic acid	10.17	122	6088m	66.671	ng		
33) 4-Chloroaniline	11.02	127	13026	58.724	ng		95
34) Hexachlorobutadiene	11.15	225	3279	22.978	ng	#	81
35) Caprolactam	11.78	113	12207m	176.368	ng		
36) 4-Chloro-3-methylphenol	12.12	107	19943	108.029	ng		87
37) 2-Methylnaphthalene	12.49	142	20132	54.167	ng		96
38) 1-Methylnaphthalene	12.71	142	21015	58.909	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	13668	24.092	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	3156	14.904	ng		79
43) 2,4,6-Trichlorophenol	13.11	196	17268	48.362	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	22519	59.672	ng	#	94
46) 1,1'-Biphenyl	13.49	154	34650	28.948	ng		99
47) 2-Chloronaphthalene	13.55	162	31606	32.630	ng		97
48) 2-Nitroaniline	13.76	65	18768	69.162	ng		95
49) Acenaphthylene	14.39	152	61133	41.990	ng		99
50) Dimethylphthalate	14.11	163	86690	67.911	ng		100
51) 2,6-Dinitrotoluene	14.25	165	15274	53.518	ng		99
52) Acenaphthene	14.73	154	34878	39.873	ng		98
53) 3-Nitroaniline	14.59	138	18639	64.379	ng	#	93
54) 2,4-Dinitrophenol	14.80	184	19392	111.383	ng		92
55) Dibenzofuran	15.06	168	73873	47.818	ng		98
56) 4-Nitrophenol	14.89	139	54363	260.964	ng		96
57) 2,4-Dinitrotoluene	15.03	165	31490	76.907	ng	#	94
58) Fluorene	15.71	166	68899	59.249	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.29	232	30190	84.748	ng		99
60) Diethylphthalate	15.47	149	74795	56.869	ng		96
61) 4-Chlorophenyl-phenylether	15.70	204	34780	47.474	ng		97
62) 4-Nitroaniline	15.75	138	36948	122.505	ng		98
63) Azobenzene	15.99	77	59373	57.726	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	23839	32.513	ng		94
66) n-Nitrosodiphenylamine	15.91	169	79141	26.975	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	31721	24.934	ng		99
68) Hexachlorobenzene	16.71	284	41309	29.757	ng		98
69) Atrazine	16.86	200	51179	41.062	ng		98
70) Pentachlorophenol	17.06	266	63602	74.578	ng		99
71) Phenanthrene	17.46	178	208064	39.774	ng		100
72) Anthracene	17.55	178	222411	43.001	ng		99
73) Carbazole	17.82	167	264428	51.789	ng		99
74) Di-n-butylphthalate	18.35	149	252118	44.386	ng		98
75) Fluoranthene	19.46	202	456391	70.377	ng		99
77) Benzidine	19.65	184	140720	23.880	ng		97
78) Pyrene	19.83	202	445657	36.296	ng		100
80) Butylbenzylphthalate	20.70	149	192663	41.256	ng		99
81) Benzo(a)anthracene	21.67	228	471143	40.171	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	97468	20.396	ng		96
83) Chrysene	21.74	228	440268	39.469	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	275522	42.491	ng		97
85) Di-n-octyl phthalate	22.75	149	404617	36.903	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	458540	34.402	ng	#	97
88) Benzo(b)fluoranthene	23.92	252	477930	43.598	ng		99
89) Benzo(k)fluoranthene	23.99	252	435801	40.208	ng		98
90) Benzo(a)pyrene	24.81	252	434913	41.045	ng		99
91) Dibenzo(a,h)anthracene	28.77	278	382735	36.315	ng		99
92) Benzo(g,h,i)perylene	29.89	276	380998	36.515	ng		96

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

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