Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011119\
Data File : BG039108.D
Acq On : 12 Jan 2019 7:51
Operator : JU/SJ
Sample : K1011-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-011019-AMSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:31:27 PM

Quant Time: Jan 14 10:24:13 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	8.03	152	28410	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	127199	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	101957	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	214622	20.00	ng		0.00
76) Chrysene-d12	21.69	240	207724	20.00	ng		-0.01
87) Perylene-d12	24.96	264	222485	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	227506	151.91	ng		0.00
7) Phenol-d6	7.19	99	295143	136.94	ng		0.00
23) Nitrobenzene-d5	9.20	82	211141	90.83	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	207482	121.40	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	599123	80.42	ng		0.00
79) Terphenyl-d14	20.02	244	1080104	96.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	21552	36.748	ng	#	8
3) Pyridine	3.87	79	63100	39.596	ng		88
4) n-Nitrosodimethylamine	3.78	42	34427	48.008	ng	#	85
6) Aniline	7.36	93	76012	29.366	ng		96
8) 2-Chlorophenol	7.59	128	94507	53.533	ng		97
9) Benzaldehyde	7.17	77	27924	22.466	ng		99
10) Phenol	7.21	94	105028	48.605	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	82996	50.254	ng		97
12) 1,3-Dichlorobenzene	7.91	146	92209	43.594	ng		99
13) 1,4-Dichlorobenzene	8.06	146	92398	43.133	ng		98
14) 1,2-Dichlorobenzene	8.38	146	89602	43.869	ng		96
15) Benzyl Alcohol	8.27	79	90463	55.734	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	139970	44.199	ng		100
17) 2-Methylphenol	8.47	107	80164	53.427	ng		96
18) Hexachloroethane	9.10	117	31940	43.887	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	78979	55.802	ng	#	88
20) 3+4-Methylphenols	8.80	107	124096	58.009	ng		98
22) Acetophenone	8.85	105	157989	47.561	ng	#	96
24) Nitrobenzene	9.25	77	109592	46.643	ng		100
25) Isophorone	9.76	82	228107	56.967	ng		97
26) 2-Nitrophenol	9.95	139	57852	45.521	ng		98
27) 2,4-Dimethylphenol	10.01	122	103491	57.882	ng		93
28) bis(2-Chloroethoxy)methane	10.24	93	136860	56.870	ng		98
29) 2,4-Dichlorophenol	10.49	162	114884	51.720	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	121326	45.459	ng		97
31) Naphthalene	10.89	128	309470	48.509	ng		99
32) Benzoic acid	10.18	122	38305	37.425	ng		95
33) 4-Chloroaniline	11.02	127	19316	6.767	ng		98
34) Hexachlorobutadiene	11.15	225	71820	39.109	ng		98
35) Caprolactam	11.80	113	26981m	30.291	ng		
36) 4-Chloro-3-methylphenol	12.13	107	121651	51.205	ng		91
37) 2-Methylnaphthalene	12.50	142	262200	54.819	ng		100
38) 1-Methylnaphthalene	12.71	142	233977	50.965	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	168365	43.970	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	155812	72.806	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	108594	45.061	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	115297	45.266	ng		99
46) 1,1'-Biphenyl	13.50	154	330681	40.932	ng		99
47) 2-Chloronaphthalene	13.55	162	274771	42.029	ng		99
48) 2-Nitroaniline	13.77	65	80234	43.807	ng		93
49) Acenaphthylene	14.39	152	458159	46.625	ng		99
50) Dimethylphthalate	14.12	163	393389	45.659	ng		100
51) 2,6-Dinitrotoluene	14.25	165	84639	43.939	ng		97
52) Acenaphthene	14.73	154	280738	47.551	ng		97
53) 3-Nitroaniline	14.59	138	34986	17.904	ng		95
54) 2,4-Dinitrophenol	14.80	184	60055	54.022	ng		92
55) Dibenzofuran	15.06	168	441818	42.372	ng		99
56) 4-Nitrophenol	14.90	139	104244	74.142	ng		94
57) 2,4-Dinitrotoluene	15.04	165	118660	42.937	ng		96
58) Fluorene	15.72	166	367037	46.764	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	107577	44.742	ng		99
60) Diethylphthalate	15.47	149	380292	42.840	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	209048	42.277	ng		97
62) 4-Nitroaniline	15.76	138	80909	39.746	ng		95
63) Azobenzene	15.99	77	303807	43.764	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	56175	35.329	ng		93
66) n-Nitrosodiphenylamine	15.92	169	324521	51.006	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	135753	49.206	ng		94
68) Hexachlorobenzene	16.71	284	142176	47.228	ng		98
69) Atrazine	16.86	200	126943	46.966	ng		98
70) Pentachlorophenol	17.06	266	116933	64.109	ng		94
71) Phenanthrene	17.46	178	574041	50.602	ng		99
72) Anthracene	17.55	178	626949	55.896	ng		99
73) Carbazole	17.83	167	487874	44.061	ng		99
74) Di-n-butylphthalate	18.35	149	578031	46.926	ng		99
75) Fluoranthene	19.47	202	651543	46.329	ng		98
77) Benzidine	19.65	184	95603	15.047	ng		98
78) Pyrene	19.83	202	658047	49.709	ng		99
80) Butylbenzylphthalate	20.70	149	286524	56.908	ng		100
81) Benzo(a)anthracene	21.67	228	666449	52.704	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	126192	24.493	ng		97
83) Chrysene	21.74	228	623282	51.825	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	392156	56.094	ng		96
85) Di-n-octyl phthalate	22.75	149	610191	51.618	ng		99
86) Indeno(1,2,3-cd)pyrene	28.72	276	723458	50.342	ng		100
88) Benzo(b)fluoranthene	23.92	252	642560	52.378	ng		99
89) Benzo(k)fluoranthene	23.99	252	604948	49.874	ng		96
90) Benzo(a)pyrene	24.81	252	634432	53.503	ng		99
91) Dibenzo(a,h)anthracene	28.78	278	601948	51.036	ng		100
92) Benzo(g,h,i)perylene	29.91	276	624607	53.493	ng	#	95

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

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