Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
Data File : BG036018.D
Acq On : 1 Aug 2018 1:56
Operator : JU/SJ
Sample : J3831-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-072718MSD

Manual Integrations APPROVED
Sohil
8/1/2018 5:09:00 PM

Quant Time: Aug 01 11:18:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	46673	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	165141	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	120405	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	312259	20.00	ng		0.00
75) Chrysene-d12	21.66	240	330238	20.00	ng		0.00
86) Perylene-d12	24.85	264	314621	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	367980	130.90	ng		0.00
7) Phenol-d6	7.20	99	493800	117.73	ng		0.00
23) Nitrobenzene-d5	9.18	82	379505	96.00	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	264604	166.73	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	838951	93.35	ng		0.00
78) Terphenyl-d14	20.00	244	1531965	102.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	44447	31.064	ng	#	74
3) Pyridine	3.94	79	99585	26.660	ng	#	76
4) n-Nitrosodimethylamine	3.84	42	54631	34.062	ng	#	75
6) Aniline	7.36	93	81576	15.005	ng		96
8) 2-Chlorophenol	7.59	128	124360	43.495	ng		94
9) Benzaldehyde	7.17	77	70051	27.220	ng		94
10) Phenol	7.22	94	158519	37.408	ng		94
11) bis(2-Chloroethyl)ether	7.45	93	129416	38.997	ng		88
12) 1,3-Dichlorobenzene	7.92	146	140189	40.602	ng		98
13) 1,4-Dichlorobenzene	8.06	146	146462	41.749	ng		96
14) 1,2-Dichlorobenzene	8.37	146	136414	40.477	ng		97
15) Benzyl Alcohol	8.27	79	143516	37.680	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.54	45	144310	51.869	ng		76
17) 2-Methylphenol	8.47	107	122274	42.440	ng		93
18) Hexachloroethane	9.10	117	53930	40.206	ng		91
19) n-Nitroso-di-n-propylamine	8.83	70	121887	34.510	ng	#	83
20) 3+4-Methylphenols	8.80	107	161397	40.381	ng		91
22) Acetophenone	8.84	105	225850	43.979	ng	#	89
24) Nitrobenzene	9.23	77	180475	45.395	ng		91
25) Isophorone	9.75	82	350718	47.792	ng		99
26) 2-Nitrophenol	9.94	139	75684	53.602	ng	#	83
27) 2,4-Dimethylphenol	10.00	122	130224	54.486	ng		87
28) bis(2-Chloroethoxy)methane	10.22	93	181197	44.811	ng		95
29) 2,4-Dichlorophenol	10.48	162	145056	53.168	ng		94
30) 1,2,4-Trichlorobenzene	10.69	180	160238	47.897	ng		99
31) Naphthalene	10.88	128	394576	45.868	ng		99
32) Benzoic acid	10.17	122	42590m	26.471	ng		
33) 4-Chloroaniline	11.01	127	13541	3.612	ng	#	92
34) Hexachlorobutadiene	11.16	225	123744	47.434	ng		97
35) Caprolactam	11.78	113	39131m	33.422	ng		
36) 4-Chloro-3-methylphenol	12.11	107	178053	48.688	ng		95
37) 2-Methylnaphthalene	12.47	142	310597	48.464	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	212628	46.788	ng		99
40) Hexachlorocyclopentadiene	12.82	237	261188	109.589	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	140990	53.051	ng		95
43) 2,4,5-Trichlorophenol	13.16	196	152251	51.210	ng		98
45) 1,1'-Biphenyl	13.48	154	431696	46.245	ng		97
46) 2-Chloronaphthalene	13.53	162	338102	46.563	ng		100
47) 2-Nitroaniline	13.73	65	117665	45.837	ng		94
48) Acenaphthylene	14.37	152	563116	46.297	ng		98
49) Dimethylphthalate	14.10	163	482278	45.717	ng		99
50) 2,6-Dinitrotoluene	14.22	165	110375	51.380	ng		91
51) Acenaphthene	14.71	154	327737	43.255	ng		97
52) 3-Nitroaniline	14.55	138	30661	13.965	ng	#	96
53) 2,4-Dinitrophenol	14.77	184	79269	72.434	ng	#	67
54) Dibenzofuran	15.05	168	554742	46.036	ng		94
55) 4-Nitrophenol	14.88	139	124608	79.690	ng	#	88
56) 2,4-Dinitrotoluene	15.01	165	158571	51.452	ng	#	84
57) Fluorene	15.69	166	459527	45.499	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	151008	52.974	ng		91
59) Diethylphthalate	15.46	149	475146	43.803	ng		97
60) 4-Chlorophenyl-phenylether	15.68	204	273404	46.058	ng		96
61) 4-Nitroaniline	15.72	138	101988	44.406	ng	#	83
62) Azobenzene	15.98	77	468748	43.809	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	80325	46.211	ng		87
65) n-Nitrosodiphenylamine	15.90	169	412430	46.403	ng		98
66) 4-Bromophenyl-phenylether	16.57	248	184019	50.796	ng		96
67) Hexachlorobenzene	16.70	284	188684	50.576	ng		96
68) Atrazine	16.85	200	187872	51.339	ng		96
69) Pentachlorophenol	17.04	266	175766	77.349	ng		96
70) Phenanthrene	17.43	178	743866	47.741	ng		97
71) Anthracene	17.53	178	753684	48.579	ng		98
72) Carbazole	17.80	167	678120	46.024	ng		98
73) Di-n-butylphthalate	18.34	149	781381	44.877	ng	#	98
74) Fluoranthene	19.44	202	963826	45.923	ng		97
76) Benzidine	19.63	184	62990m	7.255	ng		
77) Pyrene	19.80	202	973393	46.615	ng		96
79) Butylbenzylphthalate	20.68	149	363359	48.660	ng		98
80) Benzo(a)anthracene	21.63	228	979553	47.598	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	156937	21.871	ng		97
82) Chrysene	21.70	228	922252	48.360	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	511049	50.341	ng		100
84) Di-n-octyl phthalate	22.73	149	860013	50.596	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.49	276	1045596	49.522	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	947175	49.532	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	894172	47.829	ng	#	96
89) Benzo(a)pyrene	24.70	252	896692	50.404	ng	#	97
90) Dibenzo(a,h)anthracene	28.55	278	885396	50.694	ng	#	96
91) Benzo(g,h,i)perylene	29.64	276	865562	50.645	ng	#	94

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

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