Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036505.D
Acq On : 31 Aug 2018 14:33
Operator : JU/SJ
Sample : J4663-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 6722AAMSD

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:27 PM

Quant Time: Aug 31 16:17:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	64264	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	259028	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	170851	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	448959	20.00	ng	0.00
75) Chrysene-d12	21.70	240	457840	20.00	ng	0.00
86) Perylene-d12	24.90	264	482737	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	489893	120.93	ng	0.00
7) Phenol-d6	7.22	99	625613	107.86	ng	0.00
23) Nitrobenzene-d5	9.22	82	453993	95.09	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	323141	158.51	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1018605	85.13	ng	0.00
78) Terphenyl-d14	20.03	244	1774541	90.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	58426	30.903	ng	# 86
3) Pyridine	3.94	79	156935	29.572	ng	96
4) n-Nitrosodimethylamine	3.85	42	87325	36.944	ng	89
6) Aniline	7.38	93	118860	16.144	ng	96
8) 2-Chlorophenol	7.62	128	184050	41.893	ng	96
9) Benzaldehyde	7.20	77	99977	25.030	ng	97
10) Phenol	7.24	94	226356	37.291	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	187604	38.985	ng	97
12) 1,3-Dichlorobenzene	7.95	146	196243	39.120	ng	98
13) 1,4-Dichlorobenzene	8.09	146	197293	38.954	ng	99
14) 1,2-Dichlorobenzene	8.42	146	186765	38.612	ng	99
15) Benzyl Alcohol	8.29	79	187202	40.036	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	340072	35.042	ng	98
17) 2-Methylphenol	8.49	107	171333	42.509	ng	99
18) Hexachloroethane	9.15	117	70986	39.091	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	157081	36.236	ng	94
20) 3+4-Methylphenols	8.82	107	232294	41.281	ng	98
22) Acetophenone	8.88	105	298553	43.892	ng	97
24) Nitrobenzene	9.26	77	237105	46.057	ng	95
25) Isophorone	9.79	82	445506	46.974	ng	97
26) 2-Nitrophenol	9.97	139	101687	49.846	ng	94
27) 2,4-Dimethylphenol	10.03	122	189626	50.207	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	260288	44.718	ng	98
29) 2,4-Dichlorophenol	10.51	162	206729	49.944	ng	94
30) 1,2,4-Trichlorobenzene	10.73	180	208637	43.087	ng	97
31) Naphthalene	10.92	128	614141	47.429	ng	99
32) Benzoic acid	10.14	122	76164	29.141	ng	96
33) 4-Chloroaniline	11.02	127	22906	3.860	ng	98
34) Hexachlorobutadiene	11.20	225	142247	43.723	ng	100
35) Caprolactam	11.79	113	56369m	34.186	ng	
36) 4-Chloro-3-methylphenol	12.14	107	231897	48.215	ng	98
37) 2-Methylnaphthalene	12.52	142	460434	48.597	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	265799	43.961	ng	99
40) Hexachlorocyclopentadiene	12.87	237	298511	94.890	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	178427	48.445 ng	98
43) 2,4,5-Trichlorophenol	13.19	196	194547	49.524 ng	100
45) 1,1'-Biphenyl	13.52	154	600247	42.325 ng	98
46) 2-Chloronaphthalene	13.56	162	466007	43.042 ng	98
47) 2-Nitroaniline	13.76	65	163207	48.005 ng	98
48) Acenaphthylene	14.41	152	778318	45.998 ng	99
49) Dimethylphthalate	14.14	163	712993	51.107 ng	99
50) 2,6-Dinitrotoluene	14.26	165	141250	49.204 ng	91
51) Acenaphthene	14.75	154	497804	45.937 ng	98
52) 3-Nitroaniline	14.58	138	54796	17.713 ng	96
53) 2,4-Dinitrophenol	14.79	184	66542	61.196 ng	91
54) Dibenzofuran	15.08	168	755684	44.511 ng	99
55) 4-Nitrophenol	14.89	139	203237	80.350 ng	97
56) 2,4-Dinitrotoluene	15.04	165	201805	53.938 ng	89
57) Fluorene	15.73	166	612687	48.275 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	195739	53.033 ng	96
59) Diethylphthalate	15.50	149	637905	45.371 ng	99
60) 4-Chlorophenyl-phenylether	15.73	204	342877	43.751 ng	97
61) 4-Nitroaniline	15.75	138	151449	46.784 ng	91
62) Azobenzene	16.01	77	613154	42.862 ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	72509	36.766 ng	90
65) n-Nitrosodiphenylamine	15.94	169	570190	42.742 ng	98
66) 4-Bromophenyl-phenylether	16.61	248	233956	44.509 ng	96
67) Hexachlorobenzene	16.73	284	234070	43.549 ng	97
68) Atrazine	16.88	200	241732	48.277 ng	99
69) Pentachlorophenol	17.07	266	245962	67.333 ng	98
70) Phenanthrene	17.47	178	1045997	45.851 ng	98
71) Anthracene	17.56	178	1069088	47.013 ng	99
72) Carbazole	17.83	167	968931	42.664 ng	100
73) Di-n-butylphthalate	18.39	149	1097057	43.379 ng	99
74) Fluoranthene	19.48	202	1309067	47.066 ng	98
76) Benzidine	19.65	184	193567	13.252 ng	98
77) Pyrene	19.83	202	1286348	45.689 ng	97
79) Butylbenzylphthalate	20.72	149	517859	46.218 ng	96
80) Benzo(a)anthracene	21.67	228	1288989	46.472 ng	97
81) 3,3'-Dichlorobenzidine	21.59	252	184586	16.698 ng	98
82) Chrysene	21.74	228	1201383	45.696 ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	710876	45.338 ng	98
84) Di-n-octyl phthalate	22.80	149	1200485	45.839 ng	97
85) Indeno(1,2,3-cd)pyrene	28.56	276	1466620	48.029 ng	99
87) Benzo(b)fluoranthene	23.89	252	1325608	49.451 ng	97
88) Benzo(k)fluoranthene	23.96	252	1235731	47.186 ng	98
89) Benzo(a)pyrene	24.76	252	1271060	49.344 ng	100
90) Dibenzo(a,h)anthracene	28.63	278	1193906	48.010 ng	98
91) Benzo(g,h,i)perylene	29.70	276	1166354	46.673 ng	97

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

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