Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
Data File : BG038102.D
Acq On : 21 Nov 2018 3:19
Operator : JU/SJ
Sample : J5763-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-111918-AMS

Manual Integrations APPROVED
Sohil
11/21/2018 3:23:20 PM

Quant Time: Nov 21 04:16:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	46598	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	197208	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119868	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	276261	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255479	20.00	ng	0.00
87) Perylene-d12	25.07	264	276321	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	310494	115.05	ng	0.00
7) Phenol-d6	7.24	99	394787	102.48	ng	0.00
23) Nitrobenzene-d5	9.26	82	299876	81.40	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	161936	118.46	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	647605	78.71	ng	0.00
79) Terphenyl-d14	20.07	244	1004947	92.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	42685	33.484	ng	# 1
3) Pyridine	3.93	79	90231	24.813	ng	98
4) n-Nitrosodimethylamine	3.85	42	63391	48.049	ng	95
6) Aniline	7.41	93	65787	13.231	ng	97
8) 2-Chlorophenol	7.65	128	146929	46.918	ng	97
9) Benzaldehyde	7.23	77	54022	19.390	ng	97
10) Phenol	7.26	94	158123	38.750	ng	96
11) bis(2-Chloroethyl)ether	7.51	93	144805	43.467	ng	98
12) 1,3-Dichlorobenzene	7.97	146	132748	36.796	ng	97
13) 1,4-Dichlorobenzene	8.12	146	136505	37.457	ng	100
14) 1,2-Dichlorobenzene	8.44	146	130295	37.448	ng	100
15) Benzyl Alcohol	8.33	79	129337	46.397	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	278700	45.053	ng	98
17) 2-Methylphenol	8.52	107	127614	46.256	ng	97
18) Hexachloroethane	9.16	117	47789	36.032	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	120132	43.095	ng	99
20) 3+4-Methylphenols	8.85	107	173662	44.404	ng	99
22) Acetophenone	8.92	105	224165	45.686	ng	# 100
24) Nitrobenzene	9.30	77	177588	47.123	ng	97
25) Isophorone	9.82	82	336666	50.772	ng	97
26) 2-Nitrophenol	10.02	139	85648	45.524	ng	96
27) 2,4-Dimethylphenol	10.06	122	151734	53.528	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	203242	47.933	ng	100
29) 2,4-Dichlorophenol	10.54	162	155859	48.882	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	149628	41.878	ng	98
31) Naphthalene	10.96	128	447778	46.164	ng	99
32) Benzoic acid	10.16	122	24524m	22.317	ng	
33) 4-Chloroaniline	11.07	127	16923	3.751	ng	97
34) Hexachlorobutadiene	11.22	225	85476	38.871	ng	97
35) Caprolactam	11.85	113	38979	30.542	ng	91
36) 4-Chloro-3-methylphenol	12.18	107	168554	48.388	ng	97
37) 2-Methylnaphthalene	12.55	142	340176	48.824	ng	97
38) 1-Methylnaphthalene	12.78	142	321073	47.875	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	175073	43.709	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	187001	87.187 ng		96
43) 2,4,6-Trichlorophenol	13.15	196	127840	46.837 ng		99
44) 2,4,5-Trichlorophenol	13.23	196	137702	47.948 ng		97
46) 1,1'-Biphenyl	13.55	154	434882	43.185 ng		99
47) 2-Chloronaphthalene	13.61	162	341364	44.423 ng		99
48) 2-Nitroaniline	13.82	65	122419	50.617 ng		99
49) Acenaphthylene	14.45	152	569415	49.276 ng		100
50) Dimethylphthalate	14.18	163	448991	47.248 ng		98
51) 2,6-Dinitrotoluene	14.30	165	104409	48.545 ng		97
52) Acenaphthene	14.79	154	330098	47.450 ng		98
53) 3-Nitroaniline	14.63	138	40813	17.197 ng	#	94
54) 2,4-Dinitrophenol	14.84	184	30943	32.848 ng		97
55) Dibenzofuran	15.12	168	533190	46.351 ng		98
56) 4-Nitrophenol	14.93	139	119600	65.341 ng		99
57) 2,4-Dinitrotoluene	15.09	165	143723	49.114 ng		99
58) Fluorene	15.77	166	430823	50.196 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113525	47.241 ng		97
60) Diethylphthalate	15.53	149	463169	45.888 ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	223270	44.457 ng		99
62) 4-Nitroaniline	15.80	138	106410	45.135 ng		96
63) Azobenzene	16.05	77	430493	47.702 ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	37183	21.280 ng		93
66) n-Nitrosodiphenylamine	15.97	169	389422	46.595 ng		99
67) 4-Bromophenyl-phenylether	16.65	248	139640	46.052 ng		97
68) Hexachlorobenzene	16.77	284	145375	46.448 ng		97
69) Atrazine	16.91	200	141466	45.917 ng		99
70) Pentachlorophenol	17.11	266	91211	42.909 ng		97
71) Phenanthrene	17.51	178	714262	50.499 ng		99
72) Anthracene	17.61	178	719273	51.589 ng		99
73) Carbazole	17.88	167	657916	47.033 ng		99
74) Di-n-butylphthalate	18.41	149	789276	50.264 ng		99
75) Fluoranthene	19.52	202	827952	51.306 ng		99
77) Benzidine	19.70	184	26267	2.930 ng		99
78) Pyrene	19.88	202	842980	50.468 ng		99
80) Butylbenzylphthalate	20.75	149	370718	50.751 ng		99
81) Benzo(a)anthracene	21.74	228	798798	51.740 ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	102875	17.106 ng		97
83) Chrysene	21.80	228	740332	50.119 ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	519535	49.873 ng		99
85) Di-n-octyl phthalate	22.84	149	894751	53.092 ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	886259	54.021 ng	#	93
88) Benzo(b)fluoranthene	24.01	252	784982	51.623 ng		99
89) Benzo(k)fluoranthene	24.09	252	774902	51.644 ng		99
90) Benzo(a)pyrene	24.92	252	777497	53.502 ng		100
91) Dibenzo(a,h)anthracene	28.95	278	725140	51.861 ng		97
92) Benzo(g,h,i)perylene	30.09	276	702379	50.520 ng		99

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

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