Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036241.D
Acq On : 9 Aug 2018 20:15
Operator : JU/SJ
Sample : J4379-13MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103SMS

Manual Integrations APPROVED
Sohil
8/10/2018 4:01:48 PM

Quant Time: Aug 10 05:16:21 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	8.01	152	29105	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	109417	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	74103	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	191995	20.00	ng		-0.02
75) Chrysene-d12	21.65	240	197671	20.00	ng		-0.01
86) Perylene-d12	24.83	264	195512	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	107108	61.10	ng		0.00
7) Phenol-d6	7.18	99	100126	38.28	ng		-0.01
23) Nitrobenzene-d5	9.17	82	252694	96.48	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	161298	165.14	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	546332	98.77	ng		-0.02
78) Terphenyl-d14	19.98	244	856189	95.48	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	10632	11.916	ng	#	82
3) Pyridine	3.92	79	14661	6.294	ng	#	67
4) n-Nitrosodimethylamine	3.82	42	12392	12.390	ng	#	86
6) Aniline	7.34	93	35433	10.452	ng	#	95
8) 2-Chlorophenol	7.58	128	69117	38.765	ng		96
9) Benzaldehyde	7.16	77	63156	39.353	ng		98
10) Phenol	7.21	94	49864	18.870	ng		90
11) bis(2-Chloroethyl)ether	7.43	93	84067	40.623	ng		90
12) 1,3-Dichlorobenzene	7.90	146	94284	43.790	ng		92
13) 1,4-Dichlorobenzene	8.04	146	93603	42.787	ng		95
14) 1,2-Dichlorobenzene	8.37	146	91094	43.345	ng		97
15) Benzyl Alcohol	8.25	79	49422	20.808	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91789	52.905	ng		71
17) 2-Methylphenol	8.46	107	54066	30.093	ng	#	85
18) Hexachloroethane	9.09	117	36412	43.532	ng		88
19) n-Nitroso-di-n-propylamine	8.81	70	83358	37.847	ng	#	87
20) 3+4-Methylphenols	8.79	107	65933	26.453	ng		89
22) Acetophenone	8.83	105	149745	44.010	ng	#	91
24) Nitrobenzene	9.22	77	124258	47.173	ng		91
25) Isophorone	9.73	82	228008	46.894	ng		98
26) 2-Nitrophenol	9.92	139	50724	54.220	ng	#	85
27) 2,4-Dimethylphenol	9.99	122	79297	50.075	ng		88
28) bis(2-Chloroethoxy)methane	10.22	93	119822	44.724	ng		92
29) 2,4-Dichlorophenol	10.47	162	90430	50.026	ng		95
30) 1,2,4-Trichlorobenzene	10.67	180	108516	48.956	ng		96
31) Naphthalene	10.86	128	310812	54.532	ng		97
32) Benzoic acid	10.13	122	8645m	8.109	ng		
33) 4-Chloroaniline	10.99	127	26139	10.522	ng	#	89
34) Hexachlorobutadiene	11.14	225	86652	50.132	ng		98
35) Caprolactam	11.78	113	5458m	7.036	ng		
36) 4-Chloro-3-methylphenol	12.10	107	102985	42.503	ng		92
37) 2-Methylnaphthalene	12.47	142	208782	49.168	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	149477	53.444	ng		98
40) Hexachlorocyclopentadiene	12.81	237	166192	113.301	ng		90

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Quant Time: Aug 10 05:16:21 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)
42) 2,4,6-Trichlorophenol	13.07	196	91420	55.893	ng		93
43) 2,4,5-Trichlorophenol	13.15	196	97370	53.214	ng		94
45) 1,1'-Biphenyl	13.46	154	284346	49.493	ng		97
46) 2-Chloronaphthalene	13.51	162	224584	50.256	ng		100
47) 2-Nitroaniline	13.72	65	76065	48.146	ng		94
48) Acenaphthylene	14.36	152	360356	48.139	ng		97
49) Dimethylphthalate	14.09	163	349586	53.844	ng		99
50) 2,6-Dinitrotoluene	14.21	165	68678	51.945	ng		92
51) Acenaphthene	14.70	154	243461	52.209	ng		98
52) 3-Nitroaniline	14.55	138	25035	18.527	ng	#	94
53) 2,4-Dinitrophenol	14.76	184	73574	105.894	ng	#	69
54) Dibenzofuran	15.03	168	381228	51.405	ng	#	90
55) 4-Nitrophenol	14.88	139	26238	27.265	ng	#	79
56) 2,4-Dinitrotoluene	15.00	165	100113	52.781	ng	#	85
57) Fluorene	15.68	166	315571	50.769	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.26	232	99207	56.548	ng		91
59) Diethylphthalate	15.45	149	303284	45.429	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	172931	47.335	ng		95
61) 4-Nitroaniline	15.71	138	50222	35.530	ng	#	80
62) Azobenzene	15.97	77	303733	46.124	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	59964	56.106	ng		84
65) n-Nitrosodiphenylamine	15.89	169	260849	47.732	ng		95
66) 4-Bromophenyl-phenylether	16.57	248	116802	52.437	ng		96
67) Hexachlorobenzene	16.69	284	118997	51.876	ng		96
68) Atrazine	16.85	200	98328	43.700	ng		96
69) Pentachlorophenol	17.04	266	128585	92.032	ng		97
70) Phenanthrene	17.42	178	483669	50.486	ng		98
71) Anthracene	17.51	178	470804	49.354	ng		96
72) Carbazole	17.79	167	421027	46.475	ng		98
73) Di-n-butylphthalate	18.33	149	483141	45.130	ng	#	98
74) Fluoranthene	19.43	202	643790	49.889	ng		96
77) Pyrene	19.79	202	620354	49.632	ng		97
79) Butylbenzylphthalate	20.67	149	226302	50.630	ng		96
80) Benzo(a)anthracene	21.62	228	609441	49.474	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	17365	4.043	ng		95
82) Chrysene	21.69	228	571420	50.058	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	320758	52.786	ng		98
84) Di-n-octyl phthalate	22.72	149	531641	52.253	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.47	276	649957	51.429	ng	#	85
87) Benzo(b)fluoranthene	23.82	252	570800	48.034	ng	#	97
88) Benzo(k)fluoranthene	23.89	252	546476	47.039	ng	#	96
89) Benzo(a)pyrene	24.68	252	553541	50.071	ng	#	95
90) Dibenzo(a,h)anthracene	28.53	278	542592	49.993	ng	#	95
91) Benzo(g,h,i)perylene	29.60	276	560779	52.802	ng	#	93

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

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