Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034124.D
Acq On : 2 May 2018 20:08
Operator : SJ/JU
Sample : J2157-14MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CL-02-043018-AMSD

Manual Integrations APPROVED

Quant Time: May 03 05:18:05 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration

Sohil

5/3/2018 4:59:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	77959	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	330158	20.00	ng		0.00
38) Acenaphthene-d10	14.72	164	266988	20.00	ng		0.00
63) Phenanthrene-d10	17.47	188	665911	20.00	ng		0.00
75) Chrysene-d12	21.76	240	678974	20.00	ng		0.00
86) Perylene-d12	25.05	264	694631	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	688189	142.62	ng		0.00
7) Phenol-d6	7.22	99	966247	128.63	ng		0.00
23) Nitrobenzene-d5	9.24	82	825355	95.92	ng		0.00
41) 2,4,6-Tribromophenol	16.21	330	502585	135.94	ng		0.00
44) 2-Fluorobiphenyl	13.34	172	1595558	87.08	ng		0.00
78) Terphenyl-d14	20.09	244	2780795	89.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	79826	39.396	ng	#	78
3) Pyridine	3.96	79	222141	34.940	ng		88
4) n-Nitrosodimethylamine	3.86	42	171052	49.343	ng	#	79
6) Aniline	7.40	93	134265	13.141	ng	#	88
8) 2-Chlorophenol	7.64	128	256841	53.343	ng		92
9) Benzaldehyde	7.20	77	63456	11.771	ng	#	85
10) Phenol	7.25	94	348922	46.052	ng	#	75
11) bis(2-Chloroethyl)ether	7.49	93	292257	48.996	ng		94
12) 1,3-Dichlorobenzene	7.97	146	267927	43.984	ng	#	85
13) 1,4-Dichlorobenzene	8.11	146	271765	44.922	ng		96
14) 1,2-Dichlorobenzene	8.43	146	268981m	46.808	ng		
15) Benzyl Alcohol	8.31	79	398025	49.669	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.60	45	389375	47.445	ng		85
17) 2-Methylphenol	8.51	107	246367	49.417	ng	#	73
18) Hexachloroethane	9.16	117	116973	45.451	ng		98
19) n-Nitroso-di-n-propylamine	8.88	70	311989	46.247	ng	#	95
20) 3+4-Methylphenols	8.84	107	348506	47.200	ng	#	81
22) Acetophenone	8.90	105	480400	42.716	ng		95
24) Nitrobenzene	9.28	77	449356	47.707	ng	#	89
25) Isophorone	9.81	82	816328	46.503	ng	#	94
26) 2-Nitrophenol	9.99	139	140214	53.774	ng	#	56
27) 2,4-Dimethylphenol	10.05	122	280937	55.576	ng		86
28) bis(2-Chloroethoxy)methane	10.29	93	421965	48.938	ng		96
29) 2,4-Dichlorophenol	10.53	162	311777	51.598	ng		96
30) 1,2,4-Trichlorobenzene	10.75	180	327131	44.962	ng		95
31) Naphthalene	10.94	128	794319	45.772	ng		96
32) Benzoic acid	10.18	122	162999	37.780	ng	#	86
34) Hexachlorobutadiene	11.23	225	276784	44.946	ng		99
35) Caprolactam	11.82	113	83923m	39.103	ng		
36) 4-Chloro-3-methylphenol	12.16	107	396372	50.591	ng		93
37) 2-Methylnaphthalene	12.54	142	641893	45.618	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	466511	45.155	ng	#	98
40) Hexachlorocyclopentadiene	12.89	237	634272	103.611	ng		89
42) 2,4,6-Trichlorophenol	13.14	196	301386	50.209	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.22	196	331788	49.999	ng		94
45) 1,1'-Biphenyl	13.55	154	894447	42.884	ng		99
46) 2-Chloronaphthalene	13.59	162	699657	44.309	ng		95
47) 2-Nitroaniline	13.79	65	301241	47.717	ng	#	84
48) Acenaphthylene	14.44	152	1074933	42.638	ng		99
49) Dimethylphthalate	14.18	163	1008799	43.574	ng	#	96
50) 2,6-Dinitrotoluene	14.29	165	227693	51.208	ng	#	71
51) Acenaphthene	14.78	154	707362	41.283	ng		94
52) 3-Nitroaniline	14.60	138	24624	5.494	ng	#	95
53) 2,4-Dinitrophenol	14.82	184	262113	150.684	ng	#	72
54) Dibenzofuran	15.12	168	1105648	44.511	ng		91
55) 4-Nitrophenol	14.92	139	306896	89.716	ng	#	47
56) 2,4-Dinitrotoluene	15.07	165	317175	52.534	ng	#	95
57) Fluorene	15.77	166	927546	42.842	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.34	232	340904	49.659	ng	#	96
59) Diethylphthalate	15.54	149	1025030	41.840	ng		98
60) 4-Chlorophenyl-phenylether	15.76	204	571332	44.357	ng		97
61) 4-Nitroaniline	15.78	138	174087	36.619	ng	#	51
62) Azobenzene	16.06	77	1134343	42.861	ng		93
64) 4,6-Dinitro-2-methylphenol	15.84	198	173642	55.459	ng		90
65) n-Nitrosodiphenylamine	15.97	169	823322	45.343	ng		97
66) 4-Bromophenyl-phenylether	16.65	248	388187	46.952	ng	#	92
67) Hexachlorobenzene	16.77	284	388498	46.291	ng		95
68) Atrazine	16.93	200	317308	41.765	ng		94
69) Pentachlorophenol	17.11	266	531394	90.844	ng		97
70) Phenanthrene	17.51	178	1553839	45.411	ng		98
71) Anthracene	17.60	178	1577700	45.494	ng		98
72) Carbazole	17.87	167	1365416	43.010	ng		97
73) Di-n-butylphthalate	18.44	149	1599736	41.864	ng	#	96
74) Fluoranthene	19.52	202	1898481	43.907	ng		93
76) Benzidine	19.74	184	54497m	3.116	ng		
77) Pyrene	19.88	202	1894786	44.542	ng		94
79) Butylbenzylphthalate	20.78	149	760726	45.809	ng		90
80) Benzo(a)anthracene	21.74	228	2028171	46.610	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	208615	12.678	ng	#	97
82) Chrysene	21.81	228	1889494	45.367	ng		95
83) Bis(2-ethylhexyl)phthalate	21.67	149	1031241	45.120	ng	#	99
84) Di-n-octyl phthalate	22.92	149	1758678	48.178	ng		98
85) Indeno(1,2,3-cd)pyrene	28.82	276	2259771	49.303	ng	#	86
87) Benzo(b)fluoranthene	24.01	252	2021411	46.068	ng	#	97
88) Benzo(k)fluoranthene	24.08	252	1959748	46.730	ng	#	94
89) Benzo(a)pyrene	24.90	252	1975115	48.112	ng	#	96
90) Dibenzo(a,h)anthracene	28.89	278	1883071	48.661	ng	#	94
91) Benzo(g,h,i)perylene	29.97	276	1809826	47.450	ng	#	90

Sohil
5/3/2018 4:59:35 PM

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

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