Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033849.D
Acq On : 17 Apr 2018 17:51
Operator : SJ/JU
Sample : J2369-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-1-4MSD

Manual Integrations APPROVED
Sohil
4/18/2018 3:03:41 PM

Quant Time: Apr 18 10:57:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 18:35:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	32497	20.00	ng		0.00
21) Naphthalene-d8	11.71	136	157496	20.00	ng		0.00
38) Acenaphthene-d10	15.45	164	127782	20.00	ng		0.00
63) Phenanthrene-d10	18.18	188	347415	20.00	ng		0.00
75) Chrysene-d12	22.53	240	342876	20.00	ng		0.00
86) Perylene-d12	26.27	264	370325	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.26	112	273281	157.69	ng		0.00
7) Phenol-d6	7.96	99	402359	135.12	ng		0.00
23) Nitrobenzene-d5	10.04	82	334667	97.63	ng		0.00
41) 2,4,6-Tribromophenol	16.93	330	273892	143.31	ng		0.00
44) 2-Fluorobiphenyl	14.07	172	831133	93.90	ng		0.00
78) Terphenyl-d14	20.70	244	1555216	97.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.90	88	32092	36.463	ng	#	94
3) Pyridine	4.39	79	53454	21.971	ng		96
4) n-Nitrosodimethylamine	4.31	42	45247m	45.318	ng		
6) Aniline	8.13	93	81454	23.261	ng	#	82
8) 2-Chlorophenol	8.39	128	99741	50.342	ng		83
9) Benzaldehyde	7.95	77	65980m	34.866	ng		
10) Phenol	7.99	94	110921	37.729	ng		86
11) bis(2-Chloroethyl)ether	8.22	93	89196	37.170	ng		91
12) 1,3-Dichlorobenzene	8.72	146	108466	41.874	ng		94
13) 1,4-Dichlorobenzene	8.87	146	99491	38.352	ng		95
14) 1,2-Dichlorobenzene	9.19	146	109001	43.052	ng		94
15) Benzyl Alcohol	9.08	79	86213m	36.773	ng		
16) 2,2'-oxybis(1-Chloropropan	9.34	45	191765	49.019	ng		73
17) 2-Methylphenol	9.29	107	73802	36.850	ng	#	90
18) Hexachloroethane	9.93	117	50005	49.944	ng		90
19) n-Nitroso-di-n-propylamine	9.63	70	98801	45.280	ng		98
20) 3+4-Methylphenols	9.62	107	103084	36.150	ng		94
22) Acetophenone	9.68	105	147740	34.240	ng	#	97
24) Nitrobenzene	10.09	77	141590	38.589	ng		94
25) Isophorone	10.58	82	303213	45.574	ng		100
26) 2-Nitrophenol	10.81	139	57328m	41.269	ng		
27) 2,4-Dimethylphenol	10.84	122	92156m	45.667	ng		
28) bis(2-Chloroethoxy)methane	11.07	93	135366	40.778	ng		99
29) 2,4-Dichlorophenol	11.36	162	114912	46.303	ng		98
30) 1,2,4-Trichlorobenzene	11.56	180	126683	39.289	ng		95
31) Naphthalene	11.76	128	367558	45.036	ng		98
33) 4-Chloroaniline	11.92	127	14303	3.912	ng	#	86
34) Hexachlorobutadiene	12.01	225	97195	39.861	ng		96
35) Caprolactam	12.61	113	32206	33.125	ng	#	83
36) 4-Chloro-3-methylphenol	12.95	107	128744	39.774	ng		94
37) 2-Methylnaphthalene	13.31	142	266062	42.001	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.67	216	172586	37.287	ng	#	97
40) Hexachlorocyclopentadiene	13.63	237	197762	72.883	ng		94
42) 2,4,6-Trichlorophenol	13.90	196	98304	36.555	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.99	196	125526	39.490	ng		98
45) 1,1'-Biphenyl	14.29	154	388086	39.531	ng		97
46) 2-Chloronaphthalene	14.35	162	293609	38.788	ng		93
47) 2-Nitroaniline	14.56	65	111715	39.403	ng		97
48) Acenaphthylene	15.18	152	511583	40.489	ng		98
49) Dimethylphthalate	14.87	163	449179	40.392	ng		98
50) 2,6-Dinitrotoluene	15.01	165	96124	42.274	ng		96
51) Acenaphthene	15.51	154	282245	34.652	ng		99
52) 3-Nitroaniline	15.39	138	49296	20.679	ng	#	86
53) 2,4-Dinitrophenol	15.57	184	53605	48.817	ng		91
54) Dibenzofuran	15.84	168	512277	42.579	ng	#	89
55) 4-Nitrophenol	15.68	139	111873	66.739	ng	#	85
56) 2,4-Dinitrotoluene	15.80	165	141580	42.288	ng		94
57) Fluorene	16.48	166	436478	42.584	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.06	232	142840	47.733	ng		96
59) Diethylphthalate	16.21	149	464801	43.044	ng		98
60) 4-Chlorophenyl-phenylether	16.46	204	240196	40.766	ng		97
61) 4-Nitroaniline	16.55	138	71316	29.542	ng		86
62) Azobenzene	16.75	77	461360	44.106	ng		96
64) 4,6-Dinitro-2-methylphenol	16.55	198	61030	29.365	ng		93
65) n-Nitrosodiphenylamine	16.68	169	408669	41.204	ng		97
66) 4-Bromophenyl-phenylether	17.35	248	164511	40.321	ng		96
67) Hexachlorobenzene	17.48	284	166501	38.667	ng		94
68) Atrazine	17.59	200	150849	37.533	ng		98
69) Pentachlorophenol	17.82	266	183765	62.179	ng		96
70) Phenanthrene	18.22	178	727559	40.211	ng		99
71) Anthracene	18.32	178	795481	43.421	ng		98
72) Carbazole	18.59	167	645448	39.759	ng		98
73) Di-n-butylphthalate	19.06	149	805525	42.630	ng	#	99
74) Fluoranthene	20.18	202	920671	41.119	ng		98
76) Benzidine	20.39	184	29742m	3.199	ng		
77) Pyrene	20.54	202	906379	39.635	ng		98
79) Butylbenzylphthalate	21.39	149	348752	41.328	ng		95
80) Benzo(a)anthracene	22.51	228	892797	40.892	ng		99
81) 3,3'-Dichlorobenzidine	22.39	252	204746	26.354	ng		98
82) Chrysene	22.58	228	851667	40.298	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	493077	42.387	ng		99
84) Di-n-octyl phthalate	23.70	149	854089	47.952	ng		100
85) Indeno(1,2,3-cd)pyrene	30.64	276	998322	43.690	ng	#	74
87) Benzo(b)fluoranthene	25.07	252	861517	40.266	ng	#	97
88) Benzo(k)fluoranthene	25.14	252	897465	41.474	ng	#	98
89) Benzo(a)pyrene	26.10	252	870696	42.376	ng	#	96
90) Dibenzo(a,h)anthracene	30.71	278	836675	43.230	ng		97
91) Benzo(g,h,i)perylene	32.01	276	825212	43.058	ng		95

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

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