Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033280.D
Acq On : 21 Mar 2018 00:12
Operator : SJ/JU
Sample : J1760-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MSD

Manual Integrations APPROVED
Sohil
3/22/2018 12:59:49 PM

Quant Time: Mar 21 08:05:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	42532	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	176614	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	137129	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	343679	20.00	ng		0.00
75) Chrysene-d12	22.60	240	339869	20.00	ng		0.00
86) Perylene-d12	26.39	264	360932	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	323464	142.61	ng		0.00
7) Phenol-d6	8.00	99	458462	117.64	ng		0.00
23) Nitrobenzene-d5	10.10	82	372908	97.01	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	279625	136.34	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	846526	89.12	ng		0.00
78) Terphenyl-d14	20.76	244	1512463	95.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	39392	34.198	ng	#	89
3) Pyridine	4.42	79	97583	30.646	ng		94
4) n-Nitrosodimethylamine	4.31	42	61837	47.321	ng	#	91
6) Aniline	8.19	93	48490	10.580	ng	#	93
8) 2-Chlorophenol	8.44	128	128916	49.716	ng		94
9) Benzaldehyde	7.99	77	51473m	20.783	ng		
10) Phenol	8.02	94	158172	41.107	ng		86
11) bis(2-Chloroethyl)ether	8.28	93	137130	43.662	ng		97
12) 1,3-Dichlorobenzene	8.77	146	137364m	40.518	ng		
13) 1,4-Dichlorobenzene	8.93	146	136032	40.066	ng		96
14) 1,2-Dichlorobenzene	9.26	146	132374	39.947	ng		97
15) Benzyl Alcohol	9.13	79	151806	49.473	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.41	45	216907	42.364	ng		88
17) 2-Methylphenol	9.33	107	114142	43.545	ng	#	91
18) Hexachloroethane	10.01	117	53404	40.754	ng		95
19) n-Nitroso-di-n-propylamine	9.70	70	123011	43.074	ng		96
20) 3+4-Methylphenols	9.66	107	162653	43.582	ng		93
22) Acetophenone	9.74	105	215321	44.500	ng	#	97
24) Nitrobenzene	10.14	77	188728	45.868	ng		93
25) Isophorone	10.65	82	367735	49.289	ng		98
26) 2-Nitrophenol	10.87	139	75314	48.347	ng	#	81
27) 2,4-Dimethylphenol	10.90	122	137911	60.942	ng		89
28) bis(2-Chloroethoxy)methane	11.14	93	189966	51.031	ng		97
29) 2,4-Dichlorophenol	11.41	162	148806	53.469	ng		97
30) 1,2,4-Trichlorobenzene	11.63	180	159056	43.989	ng		98
31) Naphthalene	11.83	128	447076	48.849	ng		99
32) Benzoic acid	10.96	122	12151m	5.776	ng		
33) 4-Chloroaniline	11.93	127	31612	7.710	ng		95
34) Hexachlorobutadiene	12.09	225	113268	41.424	ng		98
35) Caprolactam	12.67	113	34944	32.050	ng	#	78
36) 4-Chloro-3-methylphenol	12.99	107	186070	51.262	ng		92
37) 2-Methylnaphthalene	13.38	142	328552	46.251	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	212751	42.831	ng		98
40) Hexachlorocyclopentadiene	13.70	237	241033	82.776	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	138120	47.859	ng		99
43) 2,4,5-Trichlorophenol	14.03	196	160990	47.195	ng		98
45) 1,1'-Biphenyl	14.35	154	455230	43.210	ng		97
46) 2-Chloronaphthalene	14.41	162	354304	43.616	ng		96
47) 2-Nitroaniline	14.60	65	140146	46.061	ng		93
48) Acenaphthylene	15.24	152	571488	42.147	ng		99
49) Dimethylphthalate	14.94	163	518938	43.484	ng		99
50) 2,6-Dinitrotoluene	15.07	165	113566	46.540	ng		97
51) Acenaphthene	15.58	154	363493	41.586	ng		96
52) 3-Nitroaniline	15.41	138	37664	14.722	ng	#	93
53) 2,4-Dinitrophenol	15.61	184	31124	29.920	ng		94
54) Dibenzofuran	15.90	168	576064	44.617	ng		93
55) 4-Nitrophenol	15.69	139	125998	70.042	ng	#	82
56) 2,4-Dinitrotoluene	15.85	165	159531	44.402	ng		92
57) Fluorene	16.55	166	478895	43.538	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	157051	48.905	ng		95
59) Diethylphthalate	16.27	149	514558	44.404	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	278862	44.103	ng		99
61) 4-Nitroaniline	16.56	138	85468	32.991	ng	#	85
62) Azobenzene	16.81	77	503590	44.862	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	36844	17.920	ng		94
65) n-Nitrosodiphenylamine	16.74	169	440628	44.909	ng		98
66) 4-Bromophenyl-phenylether	17.41	248	187120	46.360	ng		94
67) Hexachlorobenzene	17.54	284	185624	43.577	ng		96
68) Atrazine	17.65	200	184965	46.522	ng		99
69) Pentachlorophenol	17.88	266	176706	60.441	ng		96
70) Phenanthrene	18.29	178	795511	44.445	ng		98
71) Anthracene	18.37	178	826712	45.617	ng		99
72) Carbazole	18.63	167	707540	44.057	ng		96
73) Di-n-butylphthalate	19.13	149	833659	44.598	ng	#	99
74) Fluoranthene	20.24	202	988520	44.629	ng		97
76) Benzidine	20.40	184	159920	17.351	ng		98
77) Pyrene	20.60	202	1000784	44.151	ng		99
79) Butylbenzylphthalate	21.45	149	367536	43.939	ng		97
80) Benzo(a)anthracene	22.58	228	967107	44.688	ng		100
81) 3,3'-Dichlorobenzidine	22.46	252	101639	13.198	ng	#	98
82) Chrysene	22.66	228	912830	43.574	ng		99
83) Bis(2-ethylhexyl)phthalate	22.40	149	504095	43.717	ng		97
84) Di-n-octyl phthalate	23.80	149	858808	48.644	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	1054411	46.553	ng	#	85
87) Benzo(b)fluoranthene	25.18	252	918453	44.045	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	942990	44.712	ng	#	97
89) Benzo(a)pyrene	26.21	252	910187	45.451	ng	#	95
90) Dibenzo(a,h)anthracene	30.89	278	881900	46.752	ng	#	95
91) Benzo(g,h,i)perylene	32.21	276	874543	46.819	ng	#	95

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

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