Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG033018\
Data File : BG033455.D
Acq On : 30 Mar 2018 19:31
Operator : SJ/JU
Sample : J1749-08MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-032818MS

Manual Integrations APPROVED
Sohil
4/2/2018 5:07:16 PM

Quant Time: Mar 31 02:18:52 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	31919	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	143285	20.00	ng		0.00
38) Acenaphthene-d10	15.49	164	114432	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	305848	20.00	ng		0.00
75) Chrysene-d12	22.57	240	320975	20.00	ng		0.00
86) Perylene-d12	26.33	264	349656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	276994	162.72	ng		0.00
7) Phenol-d6	7.98	99	413766	141.47	ng		0.00
23) Nitrobenzene-d5	10.07	82	303307	97.25	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	267281	156.17	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	748658	94.45	ng		0.00
78) Terphenyl-d14	20.73	244	1438302	95.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	35218	40.740	ng	#	87
3) Pyridine	4.40	79	70352	29.440	ng		93
4) n-Nitrosodimethylamine	4.30	42	51211	52.220	ng	#	88
6) Aniline	8.16	93	69783	20.289	ng	#	95
8) 2-Chlorophenol	8.41	128	109933	56.491	ng		97
9) Benzaldehyde	7.96	77	34136m	18.365	ng		
10) Phenol	8.01	94	142186	49.239	ng		91
11) bis(2-Chloroethyl)ether	8.25	93	108205	45.908	ng		99
12) 1,3-Dichlorobenzene	8.75	146	111148	43.687	ng		93
13) 1,4-Dichlorobenzene	8.90	146	109597	43.013	ng		94
14) 1,2-Dichlorobenzene	9.23	146	114811	46.168	ng		96
15) Benzyl Alcohol	9.10	79	124297	53.977	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.38	45	177768	46.264	ng		88
17) 2-Methylphenol	9.30	107	100474	51.075	ng	#	89
18) Hexachloroethane	9.99	117	44165	44.910	ng		95
19) n-Nitroso-di-n-propylamine	9.67	70	103601	48.340	ng		97
20) 3+4-Methylphenols	9.64	107	145167	51.829	ng		95
22) Acetophenone	9.70	105	188882	48.116	ng	#	95
24) Nitrobenzene	10.11	77	156631	46.922	ng		92
25) Isophorone	10.63	82	311408	51.448	ng		99
26) 2-Nitrophenol	10.84	139	67263	53.223	ng	#	89
27) 2,4-Dimethylphenol	10.87	122	116080	63.227	ng		91
28) bis(2-Chloroethoxy)methane	11.11	93	152014	50.335	ng		99
29) 2,4-Dichlorophenol	11.38	162	129023	57.145	ng		95
30) 1,2,4-Trichlorobenzene	11.60	180	132839	45.284	ng		98
31) Naphthalene	11.80	128	357588	48.160	ng		98
32) Benzoic acid	11.00	122	51414m	30.125	ng		
33) 4-Chloroaniline	11.90	127	54066	16.253	ng		97
34) Hexachlorobutadiene	12.06	225	96716	43.598	ng		98
35) Caprolactam	12.65	113	38298	43.297	ng		96
36) 4-Chloro-3-methylphenol	12.97	107	174270	59.179	ng		98
37) 2-Methylnaphthalene	13.35	142	286591	49.729	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.71	216	189281	45.665	ng		98
40) Hexachlorocyclopentadiene	13.68	237	217988	89.710	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	128249	53.253	ng		97
43) 2,4,5-Trichlorophenol	14.02	196	152818	53.685	ng		97
45) 1,1'-Biphenyl	14.32	154	409548	46.584	ng		97
46) 2-Chloronaphthalene	14.38	162	311115	45.896	ng		94
47) 2-Nitroaniline	14.57	65	131491	51.788	ng		97
48) Acenaphthylene	15.22	152	524365	46.343	ng		99
49) Dimethylphthalate	14.91	163	476119	47.809	ng		99
50) 2,6-Dinitrotoluene	15.04	165	105700	51.909	ng		95
51) Acenaphthene	15.55	154	354239	48.565	ng		95
52) 3-Nitroaniline	15.39	138	63572	29.778	ng	#	94
53) 2,4-Dinitrophenol	15.58	184	59673	58.825	ng	#	85
54) Dibenzofuran	15.88	168	535848	49.734	ng		95
55) 4-Nitrophenol	15.67	139	148805	99.127	ng	#	83
56) 2,4-Dinitrotoluene	15.82	165	155420	51.838	ng		93
57) Fluorene	16.52	166	452265	49.272	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.10	232	150386	56.118	ng		97
59) Diethylphthalate	16.25	149	486808	50.341	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	252437	47.842	ng		99
61) 4-Nitroaniline	16.54	138	104671	48.417	ng	#	83
62) Azobenzene	16.79	77	466887	49.842	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	64975	35.512	ng		97
65) n-Nitrosodiphenylamine	16.71	169	423692	48.524	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	174496	48.580	ng		93
67) Hexachlorobenzene	17.51	284	174570	46.051	ng		93
68) Atrazine	17.62	200	169798	47.990	ng		98
69) Pentachlorophenol	17.85	266	211769	81.393	ng		98
70) Phenanthrene	18.26	178	756850	47.515	ng		99
71) Anthracene	18.35	178	790108	48.990	ng		99
72) Carbazole	18.61	167	678642	47.485	ng		97
73) Di-n-butylphthalate	19.10	149	811226	48.766	ng	#	98
74) Fluoranthene	20.21	202	948346	48.112	ng		98
76) Benzidine	20.37	184	124071	14.254	ng		98
77) Pyrene	20.57	202	955721	44.645	ng		98
79) Butylbenzylphthalate	21.43	149	368513	46.649	ng		93
80) Benzo(a)anthracene	22.54	228	962647	47.100	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	225764	31.042	ng	#	98
82) Chrysene	22.62	228	908270	45.908	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	511604	46.980	ng		100
84) Di-n-octyl phthalate	23.76	149	891575	53.472	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1107855	51.792	ng	#	85
87) Benzo(b)fluoranthene	25.12	252	960991	47.571	ng	#	96
88) Benzo(k)fluoranthene	25.20	252	968985	47.427	ng	#	97
89) Benzo(a)pyrene	26.16	252	956143	49.286	ng	#	98
90) Dibenzo(a,h)anthracene	30.79	278	927597	50.761	ng	#	97
91) Benzo(g,h,i)perylene	32.09	276	919150	50.794	ng	#	94

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

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