Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG022818\
Data File : BG032893.D
Acq On : 28 Feb 2018 18:35
Operator : SJ/JU
Sample : J1403-08MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-022718MS

Manual Integrations APPROVED
Sohil
3/1/2018 11:30:29 AM

Quant Time: Mar 01 02:31:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	85124	20.00	ng		0.00
21) Naphthalene-d8	11.81	136	374191	20.00	ng		0.00
38) Acenaphthene-d10	15.54	164	207203	20.00	ng		0.00
63) Phenanthrene-d10	18.26	188	440588	20.00	ng		0.00
75) Chrysene-d12	22.62	240	395184	20.00	ng		-0.01
86) Perylene-d12	26.43	264	421998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.34	112	726408	136.52	ng		0.00
7) Phenol-d6	8.02	99	877505	118.32	ng		0.00
23) Nitrobenzene-d5	10.13	82	613690	110.45	ng		0.00
41) 2,4,6-Tribromophenol	17.01	330	323060	148.28	ng		0.00
44) 2-Fluorobiphenyl	14.17	172	1252227	87.16	ng		0.00
78) Terphenyl-d14	20.78	244	1676374	95.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.98	88	90307	39.108	ng		89
3) Pyridine	4.45	79	174283	27.383	ng		96
4) n-Nitrosodimethylamine	4.34	42	125818	49.307	ng	#	94
6) Aniline	8.21	93	141778	14.123	ng		96
8) 2-Chlorophenol	8.47	128	275990	47.390	ng		93
9) Benzaldehyde	8.02	77	112464	26.311	ng		90
10) Phenol	8.05	94	297784	39.831	ng		94
11) bis(2-Chloroethyl)ether	8.30	93	268755	43.963	ng		96
12) 1,3-Dichlorobenzene	8.81	146	281800	41.312	ng		97
13) 1,4-Dichlorobenzene	8.96	146	282833	41.192	ng		97
14) 1,2-Dichlorobenzene	9.29	146	268566	40.818	ng		98
15) Benzyl Alcohol	9.15	79	241933	44.374	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.45	45	449596	42.781	ng		98
17) 2-Methylphenol	9.35	107	233065	42.276	ng		96
18) Hexachloroethane	10.05	117	104101	44.529	ng	#	82
19) n-Nitroso-di-n-propylamine	9.73	70	218588	41.749	ng	#	96
20) 3+4-Methylphenols	9.68	107	319075	41.626	ng		94
22) Acetophenone	9.76	105	405005	42.857	ng	#	95
24) Nitrobenzene	10.17	77	300669	50.068	ng		92
25) Isophorone	10.69	82	592218	45.091	ng	#	93
26) 2-Nitrophenol	10.89	139	144845	62.151	ng		91
27) 2,4-Dimethylphenol	10.92	122	294564	51.628	ng		91
28) bis(2-Chloroethoxy)methane	11.16	93	363589	47.520	ng		94
29) 2,4-Dichlorophenol	11.43	162	259033	50.023	ng		95
30) 1,2,4-Trichlorobenzene	11.66	180	251035	41.356	ng		99
31) Naphthalene	11.86	128	931174	47.623	ng		99
32) Benzoic acid	11.04	122	162113m	46.346	ng		
33) 4-Chloroaniline	11.95	127	85704	9.803	ng		96
34) Hexachlorobutadiene	12.12	225	136752	40.165	ng		98
35) Caprolactam	12.69	113	71649	34.555	ng	#	87
36) 4-Chloro-3-methylphenol	13.00	107	296048	49.128	ng		91
37) 2-Methylnaphthalene	13.41	142	626897	44.316	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	258477	42.023	ng	#	97
40) Hexachlorocyclopentadiene	13.74	237	313310	99.949	ng		92

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.98	196	192674	49.671 ng		99
43) 2,4,5-Trichlorophenol	14.06	196	208299	46.397 ng	#	98
45) 1,1'-Biphenyl	14.38	154	762123	42.092 ng		93
46) 2-Chloronaphthalene	14.44	162	580075	42.888 ng		99
47) 2-Nitroaniline	14.61	65	192193	54.635 ng		90
48) Acenaphthylene	15.27	152	930999	42.043 ng		97
49) Dimethylphthalate	14.96	163	739471	42.031 ng		99
50) 2,6-Dinitrotoluene	15.09	165	164318	54.866 ng		88
51) Acenaphthene	15.60	154	654332	47.447 ng		99
52) 3-Nitroaniline	15.42	138	71266	24.217 ng	#	79
53) 2,4-Dinitrophenol	15.62	184	152182	132.522 ng	#	81
54) Dibenzofuran	15.93	168	867081	44.156 ng		94
55) 4-Nitrophenol	15.69	139	253791	87.374 ng	#	81
56) 2,4-Dinitrotoluene	15.86	165	222392	60.772 ng		85
57) Fluorene	16.57	166	695668	42.923 ng		99
58) 2,3,4,6-Tetrachlorophenol	16.13	232	177839m	51.021 ng		
59) Diethylphthalate	16.30	149	773681	41.693 ng		98
60) 4-Chlorophenyl-phenylether	16.55	204	346698	43.728 ng		94
61) 4-Nitroaniline	16.57	138	155796	41.688 ng		84
62) Azobenzene	16.84	77	716913	43.185 ng		97
64) 4,6-Dinitro-2-methylphenol	16.62	198	100730	67.505 ng		96
65) n-Nitrosodiphenylamine	16.76	169	636328	44.396 ng		98
66) 4-Bromophenyl-phenylether	17.44	248	206598	44.346 ng	#	90
67) Hexachlorobenzene	17.56	284	209676	41.648 ng	#	91
68) Atrazine	17.67	200	210417	44.600 ng		95
69) Pentachlorophenol	17.90	266	278811	87.921 ng		97
70) Phenanthrene	18.31	178	1072471	43.631 ng		97
71) Anthracene	18.40	178	1090159	44.176 ng		98
72) Carbazole	18.65	167	1017135	41.817 ng	#	96
73) Di-n-butylphthalate	19.15	149	1269359	42.538 ng		98
74) Fluoranthene	20.26	202	1175596	43.296 ng		94
76) Benzidine	20.42	184	56686	4.208 ng		99
77) Pyrene	20.61	202	1172292	42.065 ng		95
79) Butylbenzylphthalate	21.48	149	597562	48.362 ng		91
80) Benzo(a)anthracene	22.60	228	1114153	43.966 ng		98
81) 3,3'-Dichlorobenzidine	22.48	252	189608	20.202 ng	#	95
82) Chrysene	22.68	228	1044934	43.166 ng		97
83) Bis(2-ethylhexyl)phthalate	22.44	149	850455	46.499 ng		97
84) Di-n-octyl phthalate	23.86	149	1443634	51.784 ng		99
85) Indeno(1,2,3-cd)pyrene	30.87	276	1257593	44.546 ng		98
87) Benzo(b)fluoranthene	25.21	252	1112018	44.567 ng	#	97
88) Benzo(k)fluoranthene	25.29	252	1104590	44.544 ng	#	96
89) Benzo(a)pyrene	26.26	252	1089337	45.901 ng	#	95
90) Dibenzo(a,h)anthracene	30.96	278	1013058	42.408 ng	#	93
91) Benzo(g,h,i)perylene	32.26	276	1048358	44.520 ng	#	91

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

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