Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG032018\
Data File : BG033279.D
Acq On : 20 Mar 2018 23:34
Operator : SJ/JU
Sample : J1760-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-031918MS

Manual Integrations APPROVED
Sohil
3/22/2018 12:59:47 PM

Quant Time: Mar 21 03:40:56 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	39621	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	164032	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	124818	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	331300	20.00	ng		0.00
75) Chrysene-d12	22.60	240	337265	20.00	ng		0.00
86) Perylene-d12	26.40	264	355884	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	317679	150.35	ng		0.00
7) Phenol-d6	8.00	99	441957	121.73	ng		0.00
23) Nitrobenzene-d5	10.09	82	352198	98.65	ng		0.00
41) 2,4,6-Tribromophenol	16.98	330	278801	149.35	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	830184	96.02	ng		0.00
78) Terphenyl-d14	20.76	244	1532905	97.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	39296	36.621	ng	#	88
3) Pyridine	4.42	79	91562	30.867	ng		91
4) n-Nitrosodimethylamine	4.32	42	60425	49.638	ng	#	85
6) Aniline	8.19	93	59590	13.957	ng	#	87
8) 2-Chlorophenol	8.44	128	125071	51.776	ng		93
9) Benzaldehyde	8.00	77	42005	18.206	ng		86
10) Phenol	8.02	94	154682	43.153	ng		87
11) bis(2-Chloroethyl)ether	8.27	93	123003	42.041	ng		98
12) 1,3-Dichlorobenzene	8.78	146	137011	43.384	ng		93
13) 1,4-Dichlorobenzene	8.93	146	133947	42.350	ng		95
14) 1,2-Dichlorobenzene	9.26	146	134598	43.603	ng		98
15) Benzyl Alcohol	9.13	79	158730	55.530	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.42	45	215091	45.096	ng		89
17) 2-Methylphenol	9.33	107	112717	46.161	ng	#	92
18) Hexachloroethane	10.01	117	53661	43.959	ng		95
19) n-Nitroso-di-n-propylamine	9.70	70	119653	44.977	ng		95
20) 3+4-Methylphenols	9.66	107	161516	46.456	ng		91
22) Acetophenone	9.73	105	214705	47.777	ng	#	98
24) Nitrobenzene	10.14	77	183544	48.030	ng		96
25) Isophorone	10.66	82	348338	50.270	ng		99
26) 2-Nitrophenol	10.87	139	73733	50.963	ng		91
27) 2,4-Dimethylphenol	10.90	122	124491	59.232	ng		87
28) bis(2-Chloroethoxy)methane	11.14	93	182087	52.666	ng		95
29) 2,4-Dichlorophenol	11.41	162	140529	54.369	ng		99
30) 1,2,4-Trichlorobenzene	11.63	180	157736	46.970	ng		98
31) Naphthalene	11.83	128	442024	52.002	ng		97
32) Benzoic acid	11.03	122	49787	25.482	ng	#	88
33) 4-Chloroaniline	11.94	127	42843	11.250	ng	#	86
34) Hexachlorobutadiene	12.09	225	116264	45.781	ng		97
35) Caprolactam	12.67	113	34576	34.145	ng		94
36) 4-Chloro-3-methylphenol	12.99	107	175095	51.939	ng		94
37) 2-Methylnaphthalene	13.38	142	317323	48.097	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	207729	45.945	ng		99
40) Hexachlorocyclopentadiene	13.70	237	275936	104.109	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	136644	52.018	ng		93
43) 2,4,5-Trichlorophenol	14.03	196	142980	46.049	ng		97
45) 1,1'-Biphenyl	14.35	154	449344	46.858	ng		99
46) 2-Chloronaphthalene	14.41	162	351444	47.531	ng		98
47) 2-Nitroaniline	14.60	65	137131	49.516	ng		99
48) Acenaphthylene	15.24	152	563179	45.631	ng		99
49) Dimethylphthalate	14.94	163	497924	45.839	ng		97
50) 2,6-Dinitrotoluene	15.07	165	108111	48.675	ng		92
51) Acenaphthene	15.58	154	427540	53.737	ng		98
52) 3-Nitroaniline	15.41	138	47059	20.209	ng	#	91
53) 2,4-Dinitrophenol	15.60	184	125858	106.611	ng	#	80
54) Dibenzofuran	15.91	168	562730	47.883	ng		93
55) 4-Nitrophenol	15.68	139	144135	88.027	ng	#	85
56) 2,4-Dinitrotoluene	15.85	165	160982	49.225	ng		94
57) Fluorene	16.55	166	466733	46.617	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	159525m	54.575	ng		
59) Diethylphthalate	16.27	149	493476	46.785	ng		97
60) 4-Chlorophenyl-phenylether	16.52	204	270029	46.918	ng		99
61) 4-Nitroaniline	16.56	138	95275	40.404	ng		85
62) Azobenzene	16.81	77	484073	47.376	ng		98
64) 4,6-Dinitro-2-methylphenol	16.61	198	87635	44.217	ng		94
65) n-Nitrosodiphenylamine	16.74	169	431345	45.606	ng		99
66) 4-Bromophenyl-phenylether	17.41	248	179211	46.060	ng		94
67) Hexachlorobenzene	17.54	284	187192	45.587	ng		99
68) Atrazine	17.65	200	183299	47.826	ng		97
69) Pentachlorophenol	17.88	266	242636	86.092	ng		99
70) Phenanthrene	18.29	178	792818	45.950	ng		98
71) Anthracene	18.38	178	815880	46.701	ng		99
72) Carbazole	18.63	167	710934	45.923	ng		97
73) Di-n-butylphthalate	19.13	149	839638	46.597	ng	#	97
74) Fluoranthene	20.24	202	1014307	47.505	ng		97
76) Benzidine	20.40	184	63037	6.892	ng		98
77) Pyrene	20.60	202	1003960	44.633	ng		99
79) Butylbenzylphthalate	21.45	149	375571	45.246	ng		96
80) Benzo(a)anthracene	22.58	228	973601	45.335	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	134075	17.544	ng	#	95
82) Chrysene	22.66	228	919869	44.249	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	511986	44.744	ng	#	96
84) Di-n-octyl phthalate	23.80	149	869416	49.625	ng		98
85) Indeno(1,2,3-cd)pyrene	30.82	276	1069661	47.591	ng	#	89
87) Benzo(b)fluoranthene	25.18	252	945682	45.994	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	933806	44.905	ng	#	98
89) Benzo(a)pyrene	26.22	252	920646	46.626	ng	#	94
90) Dibenzo(a,h)anthracene	30.90	278	892951	48.010	ng	#	98
91) Benzo(g,h,i)perylene	32.21	276	877737	47.657	ng	#	93

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

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