Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033987.D
Acq On : 25 Apr 2018 15:19
Operator : SJ/JU
Sample : J2504-03MSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MSD

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:35 PM

Quant Time: Apr 26 06:41:12 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	69989	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	329149	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	229254	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	575344	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	601770	20.00	ng		-0.02
86) Perylene-d12	24.53	264	619182	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	610452	139.25	ng		0.00
7) Phenol-d6	7.01	99	781068	122.16	ng		0.00
23) Nitrobenzene-d5	8.98	82	570313	98.61	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	437358	163.52	ng		-0.01
44) 2-Fluorobiphenyl	13.09	172	1430226	91.65	ng		-0.01
78) Terphenyl-d14	19.85	244	2361146	88.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	67968	36.692	ng		88
3) Pyridine	3.81	79	169565	31.638	ng		91
4) n-Nitrosodimethylamine	3.72	42	104481	42.789	ng	#	90
6) Aniline	7.17	93	170475	19.945	ng		97
8) 2-Chlorophenol	7.40	128	240858	49.034	ng		96
9) Benzaldehyde	6.97	77	69031	17.212	ng		96
10) Phenol	7.03	94	280677	42.850	ng		99
11) bis(2-Chloroethyl)ether	7.26	93	228095	45.530	ng		92
12) 1,3-Dichlorobenzene	7.72	146	248228	43.898	ng		98
13) 1,4-Dichlorobenzene	7.86	146	248920	43.462	ng		96
14) 1,2-Dichlorobenzene	8.18	146	241965	43.444	ng		94
15) Benzyl Alcohol	8.06	79	254146	45.582	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	384413	39.341	ng		95
17) 2-Methylphenol	8.27	107	215026	44.298	ng		95
18) Hexachloroethane	8.90	117	89560	42.794	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	216392	39.702	ng	#	95
20) 3+4-Methylphenols	8.59	107	297675	42.205	ng		95
22) Acetophenone	8.65	105	379594	42.373	ng	#	95
24) Nitrobenzene	9.02	77	295400	46.870	ng		95
25) Isophorone	9.54	82	584690	44.964	ng		96
26) 2-Nitrophenol	9.73	139	146710	58.913	ng		95
27) 2,4-Dimethylphenol	9.79	122	258056	55.401	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	336054	48.900	ng		96
29) 2,4-Dichlorophenol	10.26	162	279762	53.878	ng		94
30) 1,2,4-Trichlorobenzene	10.47	180	269918	46.411	ng		99
31) Naphthalene	10.66	128	755467	44.633	ng		99
32) Benzoic acid	9.91	122	116566m	27.533	ng		
33) 4-Chloroaniline	10.77	127	40010	5.029	ng		96
34) Hexachlorobutadiene	10.95	225	160298	46.074	ng		97
35) Caprolactam	11.55	113	84489m	38.271	ng		
36) 4-Chloro-3-methylphenol	11.90	107	295365	46.606	ng	#	90
37) 2-Methylnaphthalene	12.28	142	588080	45.380	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	355782	46.736	ng		97
40) Hexachlorocyclopentadiene	12.63	237	414170	98.948	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	245181	52.824	ng		98
43) 2,4,5-Trichlorophenol	12.96	196	270628	50.717	ng		92
45) 1,1'-Biphenyl	13.29	154	818352	44.097	ng		96
46) 2-Chloronaphthalene	13.33	162	627324	44.582	ng		98
47) 2-Nitroaniline	13.53	65	217752	49.562	ng		90
48) Acenaphthylene	14.18	152	999217	42.720	ng		97
49) Dimethylphthalate	13.93	163	877772	43.527	ng		99
50) 2,6-Dinitrotoluene	14.04	165	201034	52.603	ng	#	86
51) Acenaphthene	14.53	154	634004	43.148	ng		98
52) 3-Nitroaniline	14.36	138	96403	23.231	ng	#	84
53) 2,4-Dinitrophenol	14.57	184	156818	114.739	ng	#	53
54) Dibenzofuran	14.86	168	992465	45.559	ng		96
55) 4-Nitrophenol	14.68	139	330657	101.596	ng		87
56) 2,4-Dinitrotoluene	14.83	165	286709	56.416	ng	#	81
57) Fluorene	15.51	166	847748	44.971	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	264897	54.219	ng		97
59) Diethylphthalate	15.30	149	902441	42.337	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	467069	47.371	ng		94
61) 4-Nitroaniline	15.54	138	210475	47.769	ng		91
62) Azobenzene	15.81	77	768301	40.434	ng		96
64) 4,6-Dinitro-2-methylphenol	15.59	198	128621	46.639	ng		87
65) n-Nitrosodiphenylamine	15.73	169	745297	44.556	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	301256	47.679	ng		98
67) Hexachlorobenzene	16.52	284	317789	47.161	ng		97
68) Atrazine	16.68	200	309797	47.276	ng		99
69) Pentachlorophenol	16.86	266	412114	89.038	ng		91
70) Phenanthrene	17.26	178	1364237	44.200	ng		96
71) Anthracene	17.35	178	1405972	45.550	ng		97
72) Carbazole	17.62	167	1304708	43.815	ng		95
73) Di-n-butylphthalate	18.20	149	1562772	42.186	ng		98
74) Fluoranthene	19.27	202	1705002	45.667	ng		94
76) Benzidine	19.46	184	83456	5.136	ng		97
77) Pyrene	19.64	202	1719388	43.562	ng	#	92
79) Butylbenzylphthalate	20.55	149	735831	42.452	ng		91
80) Benzo(a)anthracene	21.45	228	1717655	45.265	ng		96
81) 3,3'-Dichlorobenzidine	21.38	252	355129	25.100	ng		98
82) Chrysene	21.52	228	1602128m	44.214	ng		
83) Bis(2-ethylhexyl)phthalate	21.40	149	1019799	41.660	ng		99
84) Di-n-octyl phthalate	22.56	149	1732013	44.577	ng		99
85) Indeno(1,2,3-cd)pyrene	28.00	276	2036157	49.365	ng	#	94
87) Benzo(b)fluoranthene	23.56	252	1787348	47.318	ng		98
88) Benzo(k)fluoranthene	23.63	252	1688201	44.993	ng		96
89) Benzo(a)pyrene	24.39	252	1715995	47.435	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1682228	48.057	ng		96
91) Benzo(g,h,i)perylene	29.08	276	1676788	48.681	ng		98

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

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