Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033714.D
Acq On : 10 Apr 2018 15:30
Operator : SJ/JU
Sample : J2227-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1MSD

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:22 PM

Quant Time: Apr 10 17:20:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33657	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	148219	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	110468	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	301181	20.00	ng		0.00
75) Chrysene-d12	22.55	240	313248	20.00	ng		0.00
86) Perylene-d12	26.31	264	347859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	318474	177.43	ng		0.00
7) Phenol-d6	7.97	99	491550	159.38	ng		0.00
23) Nitrobenzene-d5	10.06	82	307768	95.40	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	238816	144.55	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	680192	88.89	ng		0.00
78) Terphenyl-d14	20.73	244	1318713	90.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	38224	41.934	ng		98
3) Pyridine	4.39	79	94599	37.542	ng		96
4) n-Nitrosodimethylamine	4.29	42	59464	57.505	ng	#	79
6) Aniline	8.15	93	73520	20.271	ng		96
8) 2-Chlorophenol	8.40	128	113567	55.345	ng		98
9) Benzaldehyde	7.96	77	45155m	23.039	ng		
10) Phenol	8.00	94	179002	58.787	ng		93
11) bis(2-Chloroethyl)ether	8.24	93	118796	47.798	ng		96
12) 1,3-Dichlorobenzene	8.74	146	119960	44.715	ng	#	94
13) 1,4-Dichlorobenzene	8.89	146	114677	42.683	ng		98
14) 1,2-Dichlorobenzene	9.22	146	117999	44.999	ng		90
15) Benzyl Alcohol	9.09	79	120253	49.524	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.37	45	200148	49.399	ng		90
17) 2-Methylphenol	9.29	107	100418	48.411	ng	#	90
18) Hexachloroethane	9.97	117	47747	46.045	ng		96
19) n-Nitroso-di-n-propylamine	9.66	70	106650	47.193	ng		97
20) 3+4-Methylphenols	9.63	107	148830	50.393	ng		95
22) Acetophenone	9.70	105	182791	45.015	ng	#	94
24) Nitrobenzene	10.10	77	155942	45.160	ng		94
25) Isophorone	10.62	82	307358	49.088	ng		99
26) 2-Nitrophenol	10.83	139	64469	49.314	ng	#	85
27) 2,4-Dimethylphenol	10.86	122	114077	60.068	ng		95
28) bis(2-Chloroethoxy)methane	11.10	93	147995	47.372	ng		99
29) 2,4-Dichlorophenol	11.37	162	118784	50.859	ng		93
30) 1,2,4-Trichlorobenzene	11.59	180	126951	41.836	ng		97
31) Naphthalene	11.79	128	345379	44.967	ng		99
33) 4-Chloroaniline	11.89	127	55982	16.268	ng	#	88
34) Hexachlorobutadiene	12.05	225	93978	40.954	ng		97
35) Caprolactam	12.62	113	41813	45.698	ng		98
36) 4-Chloro-3-methylphenol	12.95	107	151725	49.808	ng		97
37) 2-Methylnaphthalene	13.34	142	260504	43.697	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	169909	42.462	ng		98
40) Hexachlorocyclopentadiene	13.66	237	190320	81.134	ng		92
42) 2,4,6-Trichlorophenol	13.93	196	110101	47.358	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	14.00	196	130037	47.321	ng		97
45) 1,1'-Biphenyl	14.32	154	372077	43.841	ng		98
46) 2-Chloronaphthalene	14.37	162	282960	43.240	ng		97
47) 2-Nitroaniline	14.56	65	128583	52.460	ng		92
48) Acenaphthylene	15.21	152	481875	44.116	ng		99
49) Dimethylphthalate	14.90	163	504775	52.506	ng		98
50) 2,6-Dinitrotoluene	15.03	165	94619	48.134	ng		94
51) Acenaphthene	15.54	154	292176	41.494	ng		97
52) 3-Nitroaniline	15.37	138	54109	26.255	ng	#	96
53) 2,4-Dinitrophenol	15.58	184	11166	17.564	ng		86
54) Dibenzofuran	15.87	168	484335	46.566	ng		92
55) 4-Nitrophenol	15.66	139	153010	105.586	ng	#	80
56) 2,4-Dinitrotoluene	15.81	165	141669	48.947	ng		92
57) Fluorene	16.51	166	399137	45.045	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	131853	50.968	ng		96
59) Diethylphthalate	16.24	149	436961	46.808	ng		97
60) 4-Chlorophenyl-phenylether	16.48	204	224368	44.048	ng		96
61) 4-Nitroaniline	16.53	138	98094	47.003	ng	#	84
62) Azobenzene	16.78	77	426141	47.124	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	65002	36.077	ng		97
65) n-Nitrosodiphenylamine	16.70	169	376772	43.819	ng		98
66) 4-Bromophenyl-phenylether	17.38	248	146419	41.395	ng		93
67) Hexachlorobenzene	17.51	284	156189	41.841	ng		96
68) Atrazine	17.62	200	172960	49.641	ng		95
69) Pentachlorophenol	17.85	266	186353	72.734	ng		98
70) Phenanthrene	18.25	178	697565	44.472	ng		98
71) Anthracene	18.34	178	732355	46.112	ng		100
72) Carbazole	18.60	167	662528	47.076	ng		98
73) Di-n-butylphthalate	19.09	149	787299	48.061	ng	#	98
74) Fluoranthene	20.20	202	912031	46.986	ng		97
76) Benzidine	20.36	184	218056	25.669	ng		98
77) Pyrene	20.56	202	920233	44.047	ng		99
79) Butylbenzylphthalate	21.41	149	367184	47.627	ng		96
80) Benzo(a)anthracene	22.53	228	909049	45.575	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	174568	24.594	ng		98
82) Chrysene	22.61	228	844954	43.762	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	511598	48.138	ng		99
84) Di-n-octyl phthalate	23.74	149	886083	54.454	ng		100
85) Indeno(1,2,3-cd)pyrene	30.68	276	1028772	49.281	ng	#	87
87) Benzo(b)fluoranthene	25.10	252	878174	43.696	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	915630	45.047	ng	#	98
89) Benzo(a)pyrene	26.13	252	893616	46.301	ng	#	95
90) Dibenzo(a,h)anthracene	30.76	278	869310	47.817	ng	#	96
91) Benzo(g,h,i)perylene	32.07	276	857439	47.629	ng	#	95

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

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