Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033527.D
Acq On : 3 Apr 2018 15:58
Operator : SJ/JU
Sample : J2131-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 4529-33MSD

Manual Integrations APPROVED

Quant Time: Apr 03 18:49:18 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 14:50:26 2018
Response via : Initial Calibration

Sohil

4/4/2018 4:10:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32943	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	144630	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	111041	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	303230	20.00	ng		0.00
75) Chrysene-d12	22.56	240	302595	20.00	ng		0.00
86) Perylene-d12	26.32	264	322296	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	322860	183.77	ng		0.00
7) Phenol-d6	7.98	99	455696	150.96	ng		0.00
23) Nitrobenzene-d5	10.06	82	355001	112.77	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	278583	167.75	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	836454	108.75	ng		0.00
78) Terphenyl-d14	20.73	244	1586527	112.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	38768	43.452	ng		90
3) Pyridine	4.40	79	90271	36.601	ng		96
4) n-Nitrosodimethylamine	4.30	42	59507m	58.793	ng		
6) Aniline	8.16	93	39792	11.209	ng		89
8) 2-Chlorophenol	8.41	128	116993	58.250	ng		91
9) Benzaldehyde	7.96	77	52404m	27.317	ng		
10) Phenol	8.01	94	148973	49.985	ng		88
11) bis(2-Chloroethyl)ether	8.25	93	110702	45.507	ng		97
12) 1,3-Dichlorobenzene	8.75	146	122301m	46.576	ng		
13) 1,4-Dichlorobenzene	8.90	146	119391	45.400	ng		97
14) 1,2-Dichlorobenzene	9.23	146	121901	47.495	ng		92
15) Benzyl Alcohol	9.10	79	130230	54.795	ng		90
16) 2,2'-oxybis(1-Chloropropan	9.39	45	201681	50.856	ng		90
17) 2-Methylphenol	9.30	107	103030	50.747	ng	#	87
18) Hexachloroethane	9.98	117	50087	49.349	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	112556	50.886	ng		98
20) 3+4-Methylphenols	9.64	107	144597	50.021	ng		91
22) Acetophenone	9.70	105	193123	48.739	ng	#	98
24) Nitrobenzene	10.11	77	169831	50.403	ng		93
25) Isophorone	10.62	82	334649	54.773	ng		98
26) 2-Nitrophenol	10.84	139	69108	54.174	ng	#	82
27) 2,4-Dimethylphenol	10.87	122	115838	62.508	ng		84
28) bis(2-Chloroethoxy)methane	11.10	93	169818	55.707	ng		98
29) 2,4-Dichlorophenol	11.38	162	128595	56.426	ng		94
30) 1,2,4-Trichlorobenzene	11.60	180	140821	47.559	ng		99
31) Naphthalene	11.80	128	402752	53.738	ng		98
32) Benzoic acid	11.00	122	40035	23.240	ng		91
33) 4-Chloroaniline	11.89	127	34148	10.170	ng		97
34) Hexachlorobutadiene	12.05	225	98660	44.061	ng		95
35) Caprolactam	12.64	113	36024	40.348	ng		96
36) 4-Chloro-3-methylphenol	12.96	107	169716	57.097	ng		98
37) 2-Methylnaphthalene	13.35	142	293317	50.422	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	191067	47.503	ng		98
40) Hexachlorocyclopentadiene	13.68	237	196213	83.215	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	127640	54.619	ng		96
43) 2,4,5-Trichlorophenol	14.01	196	147846	53.524	ng		97
45) 1,1'-Biphenyl	14.32	154	424323	49.739	ng		97
46) 2-Chloronaphthalene	14.37	162	321336	48.851	ng		93
47) 2-Nitroaniline	14.57	65	139811	56.747	ng		92
48) Acenaphthylene	15.21	152	547778	49.890	ng		98
49) Dimethylphthalate	14.90	163	487198	50.416	ng		98
50) 2,6-Dinitrotoluene	15.04	165	102990	52.122	ng		95
51) Acenaphthene	15.54	154	348091	49.180	ng		93
52) 3-Nitroaniline	15.38	138	39482	19.059	ng	#	92
53) 2,4-Dinitrophenol	15.57	184	27904	32.308	ng	#	85
54) Dibenzofuran	15.87	168	551168	52.718	ng		93
55) 4-Nitrophenol	15.67	139	132119	90.699	ng		87
56) 2,4-Dinitrotoluene	15.82	165	155936	53.598	ng		94
57) Fluorene	16.51	166	454389	51.015	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.09	232	153589	59.064	ng	#	97
59) Diethylphthalate	16.24	149	497863	53.057	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	258412	50.470	ng		97
61) 4-Nitroaniline	16.53	138	96697	46.094	ng	#	86
62) Azobenzene	16.78	77	484842	53.339	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	43522	23.992	ng		98
65) n-Nitrosodiphenylamine	16.70	169	430878	49.773	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	171179	48.068	ng		93
67) Hexachlorobenzene	17.51	284	177470	47.220	ng		98
68) Atrazine	17.62	200	188702	53.793	ng		96
69) Pentachlorophenol	17.85	266	172141	66.733	ng		97
70) Phenanthrene	18.25	178	787412	49.861	ng		98
71) Anthracene	18.35	178	835847	52.273	ng		99
72) Carbazole	18.60	167	716248	50.549	ng		96
73) Di-n-butylphthalate	19.09	149	857290	51.980	ng	#	98
74) Fluoranthene	20.21	202	989507	50.633	ng		97
76) Benzidine	20.37	184	63149	7.696	ng		98
77) Pyrene	20.56	202	992332	49.171	ng		97
79) Butylbenzylphthalate	21.42	149	389801	52.341	ng		96
80) Benzo(a)anthracene	22.54	228	973175	50.507	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	121413	17.708	ng		98
82) Chrysene	22.61	228	921568	49.410	ng		96
83) Bis(2-ethylhexyl)phthalate	22.35	149	541442	52.740	ng		98
84) Di-n-octyl phthalate	23.75	149	930261	59.181	ng		99
85) Indeno(1,2,3-cd)pyrene	30.68	276	1062899	52.708	ng	#	71
87) Benzo(b)fluoranthene	25.11	252	963812	51.761	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	956039	50.765	ng	#	97
89) Benzo(a)pyrene	26.14	252	946722	52.943	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	858397	50.961	ng		97
91) Benzo(g,h,i)perylene	32.07	276	853563	51.174	ng	#	94

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

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