Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033713.D
Acq On : 10 Apr 2018 14:53
Operator : SJ/JU
Sample : J2227-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-1MS

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:19 PM

Quant Time: Apr 10 17:19:25 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	38237	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	160667	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	121094	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	325230	20.00	ng		0.00
75) Chrysene-d12	22.55	240	346302	20.00	ng		0.00
86) Perylene-d12	26.31	264	381867	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	362911	177.97	ng		0.00
7) Phenol-d6	7.97	99	528960	150.97	ng		0.00
23) Nitrobenzene-d5	10.06	82	341135	97.55	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	257623	142.25	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	738137	88.00	ng		0.00
78) Terphenyl-d14	20.73	244	1403214	86.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	41758	40.324	ng		89
3) Pyridine	4.38	79	109020	38.083	ng		97
4) n-Nitrosodimethylamine	4.29	42	61173	52.071	ng	#	84
6) Aniline	8.15	93	74193	18.007	ng		91
8) 2-Chlorophenol	8.40	128	109104	46.801	ng		94
9) Benzaldehyde	7.96	77	44377m	19.930	ng		
10) Phenol	8.00	94	172118	49.756	ng		88
11) bis(2-Chloroethyl)ether	8.24	93	105512	37.368	ng		91
12) 1,3-Dichlorobenzene	8.74	146	119945	39.354	ng		94
13) 1,4-Dichlorobenzene	8.89	146	121835	39.915	ng		96
14) 1,2-Dichlorobenzene	9.22	146	118926	39.920	ng		97
15) Benzyl Alcohol	9.09	79	121522	44.052	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	197250	42.852	ng		90
17) 2-Methylphenol	9.29	107	103790m	44.043	ng		
18) Hexachloroethane	9.97	117	49119	41.695	ng		98
19) n-Nitroso-di-n-propylamine	9.66	70	106120	41.334	ng		96
20) 3+4-Methylphenols	9.63	107	143523	42.775	ng		86
22) Acetophenone	9.70	105	180217	40.942	ng	#	95
24) Nitrobenzene	10.10	77	152947	40.861	ng		95
25) Isophorone	10.61	82	300975	44.345	ng		99
26) 2-Nitrophenol	10.83	139	64295	45.370	ng	#	91
27) 2,4-Dimethylphenol	10.86	122	107677	52.305	ng		93
28) bis(2-Chloroethoxy)methane	11.10	93	146811	43.353	ng		100
29) 2,4-Dichlorophenol	11.37	162	117671	46.479	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	123571	37.567	ng		96
31) Naphthalene	11.79	128	340070	40.845	ng		99
33) 4-Chloroaniline	11.89	127	59630	15.986	ng		93
34) Hexachlorobutadiene	12.05	225	91699	36.864	ng		91
35) Caprolactam	12.62	113	49040	49.444	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	152340	46.135	ng		99
37) 2-Methylnaphthalene	13.34	142	256120	39.633	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	164975	37.611	ng		98
40) Hexachlorocyclopentadiene	13.67	237	184401	71.713	ng		91
42) 2,4,6-Trichlorophenol	13.92	196	108184	42.450	ng		96

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43) 2,4,5-Trichlorophenol	14.00	196	126030	41.838	ng		98
45) 1,1'-Biphenyl	14.32	154	364551	39.185	ng		99
46) 2-Chloronaphthalene	14.37	162	281456	39.236	ng		95
47) 2-Nitroaniline	14.56	65	116825	43.481	ng		91
48) Acenaphthylene	15.21	152	463610	38.719	ng		99
49) Dimethylphthalate	14.90	163	496352	47.099	ng		99
50) 2,6-Dinitrotoluene	15.03	165	90538	42.016	ng		94
51) Acenaphthene	15.54	154	282988	36.662	ng		92
52) 3-Nitroaniline	15.38	138	54074	23.936	ng	#	94
53) 2,4-Dinitrophenol	15.58	184	10920	16.494	ng		90
54) Dibenzofuran	15.87	168	466219	40.891	ng		92
55) 4-Nitrophenol	15.66	139	148593	93.540	ng	#	85
56) 2,4-Dinitrotoluene	15.81	165	134116	42.271	ng		94
57) Fluorene	16.51	166	392073	40.365	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	125714	44.331	ng		98
59) Diethylphthalate	16.24	149	430453	42.065	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	216513	38.776	ng		98
61) 4-Nitroaniline	16.53	138	92240	40.319	ng	#	86
62) Azobenzene	16.78	77	410082	41.369	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	66347	34.101	ng		93
65) n-Nitrosodiphenylamine	16.70	169	363616	39.162	ng		95
66) 4-Bromophenyl-phenylether	17.38	248	145219	38.020	ng		94
67) Hexachlorobenzene	17.51	284	152498	37.831	ng		96
68) Atrazine	17.62	200	166900	44.360	ng		99
69) Pentachlorophenol	17.85	266	189671	68.555	ng		98
70) Phenanthrene	18.25	178	675383	39.874	ng		99
71) Anthracene	18.34	178	701072	40.879	ng		99
72) Carbazole	18.60	167	639387	42.072	ng		98
73) Di-n-butylphthalate	19.09	149	766988	43.359	ng	#	98
74) Fluoranthene	20.20	202	891102	42.513	ng		98
76) Benzidine	20.37	184	241239	25.688	ng		99
77) Pyrene	20.56	202	893557	38.688	ng		98
79) Butylbenzylphthalate	21.41	149	361779	42.447	ng		95
80) Benzo(a)anthracene	22.53	228	895582	40.614	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	179022	22.815	ng	#	96
82) Chrysene	22.61	228	845357	39.604	ng		99
83) Bis(2-ethylhexyl)phthalate	22.35	149	497565	42.349	ng		99
84) Di-n-octyl phthalate	23.74	149	865812	48.129	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	1009108	43.725	ng	#	90
87) Benzo(b)fluoranthene	25.10	252	864908	39.203	ng	#	96
88) Benzo(k)fluoranthene	25.19	252	883750	39.606	ng	#	98
89) Benzo(a)pyrene	26.14	252	872797	41.195	ng	#	97
90) Dibenzo(a,h)anthracene	30.77	278	847642	42.473	ng		97
91) Benzo(g,h,i)perylene	32.07	276	834982	42.251	ng	#	94

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

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