Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041718\
Data File : BG033848.D
Acq On : 17 Apr 2018 17:13
Operator : SJ/JU
Sample : J2369-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RO-1-4MS

Manual Integrations APPROVED
Sohil
4/18/2018 3:03:39 PM

Quant Time: Apr 18 10:54:00 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 17 18:35:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.83	152	34301	20.00	ng		0.00
21) Naphthalene-d8	11.71	136	177104	20.00	ng		0.00
38) Acenaphthene-d10	15.45	164	135572	20.00	ng		0.00
63) Phenanthrene-d10	18.18	188	372084	20.00	ng		0.00
75) Chrysene-d12	22.53	240	351209	20.00	ng		0.00
86) Perylene-d12	26.28	264	382229	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.26	112	287056	156.92	ng		0.00
7) Phenol-d6	7.96	99	410488	130.60	ng		0.00
23) Nitrobenzene-d5	10.04	82	356802	92.56	ng		0.00
41) 2,4,6-Tribromophenol	16.93	330	289643	142.85	ng		0.00
44) 2-Fluorobiphenyl	14.08	172	894706	95.27	ng		0.00
78) Terphenyl-d14	20.71	244	1595795	97.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	37818	40.710	ng		89
3) Pyridine	4.39	79	70423m	27.423	ng		
4) n-Nitrosodimethylamine	4.31	42	46456m	44.082	ng		
6) Aniline	8.14	93	48491	13.119	ng	#	70
8) 2-Chlorophenol	8.39	128	100716	48.161	ng		93
9) Benzaldehyde	7.94	77	75589m	37.843	ng		
10) Phenol	7.99	94	131528m	42.385	ng		
11) bis(2-Chloroethyl)ether	8.22	93	96819	38.224	ng		96
12) 1,3-Dichlorobenzene	8.71	146	109173	39.930	ng		93
13) 1,4-Dichlorobenzene	8.86	146	92480	33.775	ng		92
14) 1,2-Dichlorobenzene	9.19	146	109133	40.837	ng		94
15) Benzyl Alcohol	9.08	79	99569m	40.236	ng		
16) 2,2'-oxybis(1-Chloropropan	9.34	45	207170	50.172	ng		75
17) 2-Methylphenol	9.28	107	82341m	38.951	ng		
18) Hexachloroethane	9.94	117	51263	48.508	ng		93
19) n-Nitroso-di-n-propylamine	9.63	70	98568	42.798	ng		91
20) 3+4-Methylphenols	9.62	107	105060	34.905	ng		93
22) Acetophenone	9.68	105	167425	34.506	ng	#	94
24) Nitrobenzene	10.08	77	150774	36.542	ng		92
25) Isophorone	10.58	82	325706	43.535	ng		99
26) 2-Nitrophenol	10.81	139	58541	37.476	ng	#	91
27) 2,4-Dimethylphenol	10.84	122	94486	41.637	ng		91
28) bis(2-Chloroethoxy)methane	11.08	93	144012	38.579	ng		98
29) 2,4-Dichlorophenol	11.36	162	120130m	43.046	ng		
30) 1,2,4-Trichlorobenzene	11.56	180	133149	36.722	ng		95
31) Naphthalene	11.76	128	389349	42.424	ng		100
34) Hexachlorobutadiene	12.01	225	102555	37.402	ng		96
35) Caprolactam	12.61	113	28919	26.451	ng		94
36) 4-Chloro-3-methylphenol	12.95	107	128283	35.244	ng		90
37) 2-Methylnaphthalene	13.31	142	282917	39.717	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.67	216	180310	36.717	ng		98
40) Hexachlorocyclopentadiene	13.64	237	198480	68.945	ng		98
42) 2,4,6-Trichlorophenol	13.91	196	109497	38.377	ng		96
43) 2,4,5-Trichlorophenol	13.99	196	119543	35.447	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	14.29	154	408755	39.244	ng		97
46) 2-Chloronaphthalene	14.35	162	308245	38.382	ng		95
47) 2-Nitroaniline	14.56	65	115964	38.551	ng	#	86
48) Acenaphthylene	15.18	152	526747	39.294	ng		99
49) Dimethylphthalate	14.87	163	472695	40.064	ng		99
50) 2,6-Dinitrotoluene	15.02	165	97591	40.453	ng		92
51) Acenaphthene	15.51	154	336968	38.994	ng		97
52) 3-Nitroaniline	15.39	138	21308	8.425	ng	#	71
53) 2,4-Dinitrophenol	15.59	184	33567m	31.944	ng		
54) Dibenzofuran	15.84	168	529365	41.471	ng	#	90
55) 4-Nitrophenol	15.69	139	97146	54.623	ng		83
56) 2,4-Dinitrotoluene	15.80	165	145360	40.922	ng		93
57) Fluorene	16.48	166	454405	41.786	ng		96
58) 2,3,4,6-Tetrachlorophenol	16.06	232	138516	43.629	ng		94
59) Diethylphthalate	16.21	149	477047	41.640	ng		98
60) 4-Chlorophenyl-phenylether	16.46	204	257158	41.137	ng		98
61) 4-Nitroaniline	16.54	138	58291	22.759	ng		86
62) Azobenzene	16.75	77	475660	42.860	ng		97
64) 4,6-Dinitro-2-methylphenol	16.56	198	38561	17.324	ng		91
65) n-Nitrosodiphenylamine	16.68	169	422713	39.794	ng		98
66) 4-Bromophenyl-phenylether	17.35	248	167589	38.352	ng		94
67) Hexachlorobenzene	17.48	284	172500	37.405	ng		98
68) Atrazine	17.60	200	166463	38.672	ng		99
69) Pentachlorophenol	17.82	266	147029	46.451	ng		96
70) Phenanthrene	18.22	178	742773	38.330	ng		99
71) Anthracene	18.32	178	798754	40.709	ng		99
72) Carbazole	18.59	167	646511	37.184	ng		99
73) Di-n-butylphthalate	19.06	149	801086	39.584	ng	#	99
74) Fluoranthene	20.19	202	920658	38.392	ng		97
76) Benzidine	20.36	184	111424	11.699	ng		98
77) Pyrene	20.54	202	920811	39.311	ng		99
79) Butylbenzylphthalate	21.39	149	352670	40.800	ng		97
80) Benzo(a)anthracene	22.51	228	893243	39.942	ng		100
81) 3,3'-Dichlorobenzidine	22.40	252	96867	12.172	ng		99
82) Chrysene	22.58	228	860543	39.752	ng		99
83) Bis(2-ethylhexyl)phthalate	22.32	149	496611	41.678	ng		98
84) Di-n-octyl phthalate	23.71	149	863572	47.334	ng		99
85) Indeno(1,2,3-cd)pyrene	30.65	276	1016697	43.438	ng	#	87
87) Benzo(b)fluoranthene	25.07	252	848224	38.410	ng	#	95
88) Benzo(k)fluoranthene	25.15	252	926596	41.487	ng	#	98
89) Benzo(a)pyrene	26.10	252	874271	41.225	ng	#	97
90) Dibenzo(a,h)anthracene	30.72	278	844243	42.262	ng		96
91) Benzo(g,h,i)perylene	32.03	276	839065	42.417	ng	#	94

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

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