Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031918\
Data File : BG033238.D
Acq On : 19 Mar 2018 13:04
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
3/20/2018 6:29:27 PM

Quant Time: Mar 19 13:39:23 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 19 13:13:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37428	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	166975	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	128993	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	306536	20.00	ng		0.00
75) Chrysene-d12	22.60	240	296884	20.00	ng		0.00
86) Perylene-d12	26.40	264	319332	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	348989	88.79	ng		0.00
7) Phenol-d6	8.00	99	578260	90.45	ng		0.00
23) Nitrobenzene-d5	10.10	82	606226	84.00	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	307435	79.62	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	1374311	76.41	ng		0.00
78) Terphenyl-d14	20.76	244	2067446	73.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.95	88	82089	81.149	ng		86
3) Pyridine	4.41	79	248365	90.258	ng		96
4) n-Nitrosodimethylamine	4.32	42	98364	94.062	ng	#	93
6) Aniline	8.19	93	347986	87.425	ng	#	94
8) 2-Chlorophenol	8.44	128	196869	87.417	ng		95
9) Benzaldehyde	8.00	77	146336	65.389	ng		93
10) Phenol	8.03	94	286007	91.452	ng		93
11) bis(2-Chloroethyl)ether	8.28	93	231627	84.477	ng		98
12) 1,3-Dichlorobenzene	8.78	146	237844	79.679	ng		95
13) 1,4-Dichlorobenzene	8.93	146	236345	78.957	ng		98
14) 1,2-Dichlorobenzene	9.26	146	226678	77.370	ng		93
15) Benzyl Alcohol	9.13	79	247792	94.073	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.41	45	360453	80.001	ng		88
17) 2-Methylphenol	9.33	107	208622m	92.453	ng		
18) Hexachloroethane	10.01	117	93100	80.860	ng		97
19) n-Nitroso-di-n-propylamine	9.71	70	213072	85.639	ng		97
20) 3+4-Methylphenols	9.67	107	286577	88.597	ng		87
22) Acetophenone	9.74	105	397208	88.083	ng	#	97
24) Nitrobenzene	10.14	77	325111	84.203	ng		93
25) Isophorone	10.66	82	585244	83.487	ng		96
26) 2-Nitrophenol	10.86	139	136341	95.067	ng	#	82
27) 2,4-Dimethylphenol	10.90	122	185069	92.597	ng		90
28) bis(2-Chloroethoxy)methane	11.14	93	290386	82.944	ng		96
29) 2,4-Dichlorophenol	11.41	162	231439	89.446	ng		98
30) 1,2,4-Trichlorobenzene	11.63	180	279752	82.150	ng		98
31) Naphthalene	11.83	128	702965	81.453	ng		98
32) Benzoic acid	11.07	122	188455	99.042	ng		92
33) 4-Chloroaniline	11.93	127	322982	84.012	ng		95
34) Hexachlorobutadiene	12.09	225	207916	80.500	ng		95
35) Caprolactam	12.70	113	89000	87.499	ng		96
36) 4-Chloro-3-methylphenol	12.99	107	290032	85.319	ng		96
37) 2-Methylnaphthalene	13.38	142	543170	81.026	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	375550	80.438	ng		99
40) Hexachlorocyclopentadiene	13.71	237	239896	89.274	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	227790	84.598	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	273934	86.336	ng		97
45) 1,1'-Biphenyl	14.35	154	788615	79.506	ng		96
46) 2-Chloronaphthalene	14.41	162	597658	77.924	ng		93
47) 2-Nitroaniline	14.60	65	232236	81.336	ng		95
48) Acenaphthylene	15.25	152	978761	76.219	ng		98
49) Dimethylphthalate	14.94	163	854725	75.531	ng		99
50) 2,6-Dinitrotoluene	15.07	165	182999	79.679	ng		98
51) Acenaphthene	15.58	154	655572	79.687	ng		99
52) 3-Nitroaniline	15.41	138	183766	75.675	ng	#	95
53) 2,4-Dinitrophenol	15.61	184	93244	101.617	ng		94
54) Dibenzofuran	15.90	168	917617	74.860	ng	#	90
55) 4-Nitrophenol	15.69	139	137710	81.662	ng		84
56) 2,4-Dinitrotoluene	15.85	165	260134	76.486	ng		90
57) Fluorene	16.55	166	772626	73.853	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	254202	84.884	ng		93
59) Diethylphthalate	16.28	149	817683	74.241	ng		96
60) 4-Chlorophenyl-phenylether	16.52	204	454846	75.914	ng		100
61) 4-Nitroaniline	16.57	138	187260	76.339	ng		86
62) Azobenzene	16.82	77	802313	75.350	ng		99
64) 4,6-Dinitro-2-methylphenol	16.60	198	159084	88.241	ng		96
65) n-Nitrosodiphenylamine	16.73	169	704723	80.618	ng		98
66) 4-Bromophenyl-phenylether	17.41	248	299843	83.865	ng		93
67) Hexachlorobenzene	17.54	284	311207	82.239	ng		95
68) Atrazine	17.66	200	282680	79.667	ng		99
69) Pentachlorophenol	17.88	266	223454	86.928	ng		96
70) Phenanthrene	18.28	178	1222764	76.053	ng		96
71) Anthracene	18.38	178	1237372	76.003	ng		97
72) Carbazole	18.63	167	1106332	76.795	ng		96
73) Di-n-butylphthalate	19.12	149	1274410	75.875	ng	#	97
74) Fluoranthene	20.24	202	1470812	73.599	ng		96
76) Benzidine	20.40	184	647853	80.547	ng	#	94
77) Pyrene	20.60	202	1504660	75.362	ng		95
79) Butylbenzylphthalate	21.45	149	587782	80.518	ng		96
80) Benzo(a)anthracene	22.58	228	1475117	77.712	ng		96
81) 3,3'-Dichlorobenzidine	22.47	252	545574	81.288	ng		98
82) Chrysene	22.66	228	1419108	77.155	ng		94
83) Bis(2-ethylhexyl)phthalate	22.40	149	807929	80.247	ng		99
84) Di-n-octyl phthalate	23.81	149	1276095	83.220	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	1655190	84.301	ng	#	88
87) Benzo(b)fluoranthene	25.18	252	1446120	78.120	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	1458673	77.877	ng	#	96
89) Benzo(a)pyrene	26.22	252	1403994	79.119	ng	#	97
90) Dibenzo(a,h)anthracene	30.90	278	1363564	81.995	ng	#	96
91) Benzo(g,h,i)perylene	32.22	276	1362224	82.847	ng	#	94

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

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