Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037413.D
Acq On : 18 Oct 2018 10:32
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:42 PM

Quant Time: Oct 18 13:58:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 12:15:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	57044	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	262929	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	172695	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	417913	20.00	ng		0.00
76) Chrysene-d12	21.77	240	378215	20.00	ng		0.00
87) Perylene-d12	25.11	264	389183	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	171301	52.85	ng		0.00
7) Phenol-d6	7.24	99	260027	52.85	ng		0.00
23) Nitrobenzene-d5	9.28	82	237393	59.36	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	97178	57.38	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	594910	51.73	ng		0.00
79) Terphenyl-d14	20.09	244	940558	52.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	45036	24.739	ng		93
3) Pyridine	3.94	79	108280	25.052	ng		91
4) n-Nitrosodimethylamine	3.86	42	38889	23.169	ng		84
6) Aniline	7.43	93	159115	24.706	ng		98
8) 2-Chlorophenol	7.66	128	99451	26.216	ng		98
9) Benzaldehyde	7.25	77	86772	25.617	ng		96
10) Phenol	7.27	94	138077	26.648	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	104209	24.618	ng		94
12) 1,3-Dichlorobenzene	8.00	146	112074	25.131	ng		96
13) 1,4-Dichlorobenzene	8.14	146	113345	25.104	ng		95
14) 1,2-Dichlorobenzene	8.47	146	109140	24.945	ng		97
15) Benzyl Alcohol	8.34	79	96084	24.968	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	186678	22.307	ng		96
17) 2-Methylphenol	8.54	107	89523	25.797	ng		95
18) Hexachloroethane	9.20	117	38513	24.992	ng		94
19) n-Nitroso-di-n-propylamine	8.91	70	89167	23.939	ng		90
20) 3+4-Methylphenols	8.87	107	127179	26.210	ng		97
22) Acetophenone	8.94	105	166864	25.176	ng	#	95
24) Nitrobenzene	9.32	77	122524	28.604	ng		97
25) Isophorone	9.84	82	215546	23.609	ng		96
26) 2-Nitrophenol	10.04	139	53597	35.166	ng		97
27) 2,4-Dimethylphenol	10.08	122	98185	25.730	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	142581	24.962	ng		99
29) 2,4-Dichlorophenol	10.56	162	111069	28.673	ng		98
30) 1,2,4-Trichlorobenzene	10.79	180	119002	25.246	ng		98
31) Naphthalene	10.98	128	325776	25.495	ng		99
32) Benzoic acid	10.18	122	57950m	27.502	ng		
33) 4-Chloroaniline	11.09	127	152624	25.462	ng		99
34) Hexachlorobutadiene	11.25	225	70660	24.139	ng		98
35) Caprolactam	11.87	113	45007	28.500	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	124321	27.175	ng		94
37) 2-Methylnaphthalene	12.58	142	239538	25.687	ng		97
38) 1-Methylnaphthalene	12.80	142	231124	25.377	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	140205	25.070	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	65547	28.430	ng		95
43) 2,4,6-Trichlorophenol	13.17	196	94900	29.251	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	102492	29.361	ng		95
46) 1,1'-Biphenyl	13.58	154	368173	25.917	ng		99
47) 2-Chloronaphthalene	13.63	162	273600	25.497	ng		98
48) 2-Nitroaniline	13.83	65	82103	31.662	ng		89
49) Acenaphthylene	14.47	152	424522	25.862	ng		99
50) Dimethylphthalate	14.19	163	346674	25.544	ng		99
51) 2,6-Dinitrotoluene	14.32	165	75659	30.889	ng		95
52) Acenaphthene	14.81	154	262201	25.859	ng		99
53) 3-Nitroaniline	14.65	138	87521	30.822	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	16270m	23.958	ng		
55) Dibenzofuran	15.14	168	429952	26.133	ng		99
56) 4-Nitrophenol	14.93	139	61915	27.973	ng		94
57) 2,4-Dinitrotoluene	15.10	165	102364	33.265	ng	#	98
58) Fluorene	15.79	166	320424	25.751	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	90479	29.276	ng		100
60) Diethylphthalate	15.55	149	356560	25.351	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	184699	25.394	ng		98
62) 4-Nitroaniline	15.81	138	85976	28.847	ng		91
63) Azobenzene	16.07	77	336156	24.928	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	42118m	36.167	ng		
66) n-Nitrosodiphenylamine	15.99	169	317470	25.868	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	112568	24.958	ng		98
68) Hexachlorobenzene	16.78	284	118874	25.420	ng		94
69) Atrazine	16.93	200	117306	25.717	ng		99
70) Pentachlorophenol	17.13	266	76561	25.376	ng		94
71) Phenanthrene	17.53	178	545631	25.648	ng		100
72) Anthracene	17.62	178	534957	25.691	ng		99
73) Carbazole	17.89	167	541289	25.230	ng		99
74) Di-n-butylphthalate	18.43	149	614020	26.703	ng		99
75) Fluoranthene	19.54	202	630434	25.355	ng		99
77) Benzidine	19.72	184	351507	24.294	ng		98
78) Pyrene	19.90	202	648802	26.321	ng		97
80) Butylbenzylphthalate	20.77	149	263512	27.476	ng		95
81) Benzo(a)anthracene	21.75	228	569748	25.153	ng		100
82) 3,3'-Dichlorobenzidine	21.67	252	225576	25.816	ng		97
83) Chrysene	21.82	228	551791	25.537	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	366237	26.594	ng		99
85) Di-n-octyl phthalate	22.89	149	595563	26.644	ng		97
86) Indeno(1,2,3-cd)pyrene	28.94	276	574052	23.969	ng	#	93
88) Benzo(b)fluoranthene	24.04	252	549458	25.968	ng		98
89) Benzo(k)fluoranthene	24.11	252	531344	25.449	ng		98
90) Benzo(a)pyrene	24.95	252	517733	25.517	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	471938	24.310	ng		97
92) Benzo(g,h,i)perylene	30.14	276	480663	24.790	ng		99

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

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