Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039310.D
Acq On : 29 Jan 2019 9:35
Operator : JU/SJ
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC2.5

Manual Integrations APPROVED
mohammad
1/30/2019 11:09:31 AM

Quant Time: Jan 29 14:33:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 12:14:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	40165	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	164897	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	104742	20.00	ng		0.00
64) Phenanthrene-d10	17.56	188	253774	20.00	ng		0.00
76) Chrysene-d12	21.85	240	280937	20.00	ng		0.00
87) Perylene-d12	25.25	264	275184	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	12072	5.70	ng		0.00
7) Phenol-d6	7.32	99	15847	5.20	ng		0.00
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng		
42) 2,4,6-Tribromophenol	0.00	330	0d	0.00	ng		
45) 2-Fluorobiphenyl	13.43	172	41058	5.36	ng		0.00
79) Terphenyl-d14	20.15	244	74110	4.88	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.05	79	5997	2.662	ng	#	81
4) n-Nitrosodimethylamine	3.96	42	3311	3.266	ng	#	57
6) Aniline	7.51	93	11100	3.033	ng		95
8) 2-Chlorophenol	7.74	128	6204	2.486	ng		84
9) Benzaldehyde	7.33	77	6567	3.737	ng		91
10) Phenol	7.35	94	8854	2.898	ng		95
11) bis(2-Chloroethyl)ether	7.60	93	6813	2.918	ng		88
12) 1,3-Dichlorobenzene	8.08	146	8164	2.730	ng		94
13) 1,4-Dichlorobenzene	8.22	146	7469	2.466	ng		100
14) 1,2-Dichlorobenzene	8.54	146	7880	2.729	ng		98
15) Benzyl Alcohol	8.42	79	6005	2.617	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.70	45	16949	3.786	ng		97
17) 2-Methylphenol	8.61	107	5903	2.783	ng	#	92
18) Hexachloroethane	9.27	117	2502	2.432	ng	#	76
19) n-Nitroso-di-n-propylamine	8.99	70	5683	2.840	ng		88
20) 3+4-Methylphenols	8.93	107	7150	2.364	ng		91
22) Acetophenone	9.02	105	11449	2.659	ng	#	88
25) Isophorone	9.93	82	14174	2.731	ng		96
27) 2,4-Dimethylphenol	10.15	122	5372	2.318	ng		94
28) bis(2-Chloroethoxy)methane	10.41	93	8275	2.652	ng	#	93
29) 2,4-Dichlorophenol	10.64	162	5450	1.893	ng		99
30) 1,2,4-Trichlorobenzene	10.87	180	6882	1.989	ng		98
31) Naphthalene	11.06	128	21267	2.571	ng		99
33) 4-Chloroaniline	11.17	127	8886	2.401	ng	#	91
34) Hexachlorobutadiene	11.33	225	4682	1.967	ng	#	87
35) Caprolactam	11.94	113	1994m	1.727	ng		
36) 4-Chloro-3-methylphenol	12.25	107	6332	2.056	ng	#	97
37) 2-Methylnaphthalene	12.65	142	16300	2.629	ng		96
38) 1-Methylnaphthalene	12.87	142	15286m	2.568	ng		
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	8260	2.100	ng		88
41) Hexachlorocyclopentadiene	12.98	237	3949	2.042	ng		88
43) 2,4,6-Trichlorophenol	13.24	196	4469	1.805	ng		92
44) 2,4,5-Trichlorophenol	13.31	196	4229	1.616	ng	#	92
46) 1,1'-Biphenyl	13.64	154	24556	2.959	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.69	162	18188	2.708	ng		93
49) Acenaphthylene	14.53	152	25688	2.545	ng		97
50) Dimethylphthalate	14.26	163	22322	2.522	ng		99
52) Acenaphthene	14.87	154	16731	2.759	ng		96
55) Dibenzofuran	15.21	168	27954	2.610	ng		99
58) Fluorene	15.85	166	20627	2.558	ng	#	97
59) 2,3,4,6-Tetrachlorophenol	15.42	232	3847	1.557	ng	#	90
60) Diethylphthalate	15.61	149	23265	2.551	ng		96
61) 4-Chlorophenyl-phenylether	15.84	204	11592	2.282	ng		93
63) Azobenzene	16.14	77	22694	3.182	ng		96
66) n-Nitrosodiphenylamine	16.05	169	19691	2.617	ng		96
67) 4-Bromophenyl-phenylether	16.74	248	6938	2.127	ng		98
68) Hexachlorobenzene	16.84	284	6979	1.961	ng		95
69) Atrazine	16.99	200	7988	2.499	ng		94
71) Phenanthrene	17.59	178	35916	2.678	ng		99
72) Anthracene	17.69	178	34711	2.617	ng		97
73) Carbazole	17.96	167	35316	2.697	ng		97
74) Di-n-butylphthalate	18.50	149	40942	2.811	ng		97
75) Fluoranthene	19.60	202	42622	2.563	ng		96
77) Benzidine	19.78	184	29142	3.391	ng		99
78) Pyrene	19.96	202	45325	2.532	ng		97
80) Butylbenzylphthalate	20.83	149	17016	2.499	ng		96
81) Benzo(a)anthracene	21.83	228	43613	2.550	ng		97
82) 3,3'-Dichlorobenzidine	21.74	252	15982	2.294	ng		97
83) Chrysene	21.90	228	40612	2.497	ng		100
84) Bis(2-ethylhexyl)phthalate	21.72	149	25658	2.714	ng	#	93
85) Di-n-octyl phthalate	23.00	149	41661	2.606	ng		96
86) Indeno(1,2,3-cd)pyrene	29.14	276	40387	2.078	ng		92
88) Benzo(b)fluoranthene	24.15	252	38674	2.549	ng		98
89) Benzo(k)fluoranthene	24.22	252	40280	2.685	ng		98
90) Benzo(a)pyrene	25.08	252	36673	2.500	ng		96
91) Dibenzo(a,h)anthracene	29.22	278	34652	2.375	ng	#	96
92) Benzo(g,h,i)perylene	30.36	276	33846	2.344	ng		99

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

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