Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041180.D
Acq On : 11 Jun 2019 9:05
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/14/2019 8:38:14 AM

Quant Time: Jun 12 02:09:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	45424	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	199828	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	139288	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	344091	20.00	ng		0.00
76) Chrysene-d12	21.77	240	336588	20.00	ng		0.00
87) Perylene-d12	25.09	264	344472	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	194503	77.21	ng		0.00
7) Phenol-d6	7.25	99	303478	78.01	ng		0.00
23) Nitrobenzene-d5	9.29	82	355826	79.05	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	164132	79.37	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	815300	84.29	ng		0.00
79) Terphenyl-d14	20.08	244	1356231	85.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	37732	33.009	ng		98
3) Pyridine	3.92	79	119269	35.262	ng		94
4) n-Nitrosodimethylamine	3.84	42	61556	39.212	ng		90
6) Aniline	7.44	93	197542	38.041	ng		99
8) 2-Chlorophenol	7.66	128	117930	39.268	ng		96
9) Benzaldehyde	7.25	77	94407	40.679	ng		94
10) Phenol	7.28	94	160140	38.391	ng		100
11) bis(2-Chloroethyl)ether	7.52	93	116851	38.615	ng		98
12) 1,3-Dichlorobenzene	7.99	146	142644	39.768	ng		99
13) 1,4-Dichlorobenzene	8.14	146	143976	39.655	ng		98
14) 1,2-Dichlorobenzene	8.46	146	137615	39.037	ng		96
15) Benzyl Alcohol	8.35	79	138272	38.422	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	182305	36.868	ng		97
17) 2-Methylphenol	8.54	107	115217	38.148	ng		94
18) Hexachloroethane	9.19	117	55987	40.009	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	112556	37.595	ng		98
20) 3+4-Methylphenols	8.87	107	161728	38.658	ng		98
22) Acetophenone	8.94	105	212725	37.949	ng	#	97
24) Nitrobenzene	9.33	77	178048	38.814	ng		98
25) Isophorone	9.84	82	313420	36.588	ng		99
26) 2-Nitrophenol	10.04	139	77421	40.940	ng	#	86
27) 2,4-Dimethylphenol	10.09	122	110626	35.420	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	172949	37.407	ng		98
29) 2,4-Dichlorophenol	10.57	162	150463	37.937	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	178140	39.483	ng		95
31) Naphthalene	10.98	128	417874	38.948	ng		99
32) Benzoic acid	10.23	122	78389	34.941	ng		97
33) 4-Chloroaniline	11.09	127	184083	36.979	ng		97
34) Hexachlorobutadiene	11.24	225	136078	39.418	ng		99
35) Caprolactam	11.89	113	45965	35.096	ng		92
36) 4-Chloro-3-methylphenol	12.20	107	165206	36.473	ng		97
37) 2-Methylnaphthalene	12.58	142	316791	38.337	ng		99
38) 1-Methylnaphthalene	12.79	142	292514	37.566	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	235415	41.933	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	98977	37.657	ng		96
43) 2,4,6-Trichlorophenol	13.18	196	149155	41.069	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	154546	40.349	ng		99
46) 1,1'-Biphenyl	13.58	154	426185	41.336	ng		99
47) 2-Chloronaphthalene	13.62	162	367912	41.566	ng		97
48) 2-Nitroaniline	13.83	65	132228	41.642	ng		97
49) Acenaphthylene	14.47	152	539099	40.468	ng		100
50) Dimethylphthalate	14.19	163	462830	39.254	ng		98
51) 2,6-Dinitrotoluene	14.32	165	101071	39.757	ng		97
52) Acenaphthene	14.80	154	321408	39.826	ng		99
53) 3-Nitroaniline	14.66	138	103493	40.712	ng		99
54) 2,4-Dinitrophenol	14.86	184	47256	45.512	ng		93
55) Dibenzofuran	15.14	168	546785	40.266	ng		99
56) 4-Nitrophenol	14.95	139	70224	40.274	ng		97
57) 2,4-Dinitrotoluene	15.10	165	144699	40.294	ng	#	97
58) Fluorene	15.78	166	431575	39.907	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	147721	39.244	ng		98
60) Diethylphthalate	15.54	149	467229	38.830	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	278182	39.575	ng		97
62) 4-Nitroaniline	15.82	138	106499	39.572	ng		96
63) Azobenzene	16.06	77	424632	38.827	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	81203	44.749	ng		96
66) n-Nitrosodiphenylamine	15.99	169	384725	39.774	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	181909	39.174	ng		95
68) Hexachlorobenzene	16.78	284	194200	39.274	ng		99
69) Atrazine	16.92	200	141188	37.829	ng		96
70) Pentachlorophenol	17.12	266	96978	38.919	ng		98
71) Phenanthrene	17.53	178	711099	39.675	ng		100
72) Anthracene	17.62	178	710974	40.220	ng		99
73) Carbazole	17.89	167	616741	40.662	ng		99
74) Di-n-butylphthalate	18.42	149	759542	40.291	ng		100
75) Fluoranthene	19.53	202	903164	40.797	ng		99
77) Benzidine	19.71	184	297969	37.110	ng		97
78) Pyrene	19.89	202	913550	41.752	ng		98
80) Butylbenzylphthalate	20.75	149	349697	41.069	ng		99
81) Benzo(a)anthracene	21.74	228	900963	40.212	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	312108	39.605	ng		99
83) Chrysene	21.81	228	870397	40.595	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	490828	40.948	ng		98
85) Di-n-octyl phthalate	22.85	149	812009	40.676	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	913211m	34.769	ng		
88) Benzo(b)fluoranthene	24.02	252	851316	40.746	ng		100
89) Benzo(k)fluoranthene	24.09	252	861692	41.677	ng		98
90) Benzo(a)pyrene	24.94	252	802687	40.268	ng		97
91) Dibenzo(a,h)anthracene	28.98	278	687921	34.537	ng		99
92) Benzo(g,h,i)perylene	30.11	276	630305	32.572	ng		98

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

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