Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041252.D
Acq On : 14 Jun 2019 13:41
Operator : HP/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
mohammad
6/17/2019 4:52:29 PM

Quant Time: Jun 14 14:59:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 13:04:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	38033	20.00	ng		-0.01
21) Naphthalene-d8	10.91	136	161397	20.00	ng		-0.01
39) Acenaphthene-d10	14.73	164	110001	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	270375	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	267443	20.00	ng		-0.01
87) Perylene-d12	25.06	264	246193	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	335776	159.20	ng		-0.01
7) Phenol-d6	7.25	99	506158	155.39	ng		0.00
23) Nitrobenzene-d5	9.28	82	599954	165.02	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	255208	156.28	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	1294758	169.51	ng		0.00
79) Terphenyl-d14	20.07	244	1975658	156.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	68758	71.840	ng		98
3) Pyridine	3.90	79	210715	74.404	ng		99
4) n-Nitrosodimethylamine	3.82	42	111842	85.091	ng		89
6) Aniline	7.42	93	328696	75.598	ng		98
8) 2-Chlorophenol	7.65	128	202536	80.546	ng		97
9) Benzaldehyde	7.24	77	141919	73.036	ng		88
10) Phenol	7.28	94	268646	76.919	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	198139	78.201	ng		98
12) 1,3-Dichlorobenzene	7.98	146	244665	81.466	ng		96
13) 1,4-Dichlorobenzene	8.13	146	249634	82.117	ng		95
14) 1,2-Dichlorobenzene	8.45	146	237524	80.471	ng		96
15) Benzyl Alcohol	8.34	79	238038	78.998	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	316330	76.404	ng		96
17) 2-Methylphenol	8.53	107	190024	75.144	ng		98
18) Hexachloroethane	9.18	117	98874	84.388	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	193962	77.376	ng		96
20) 3+4-Methylphenols	8.87	107	267486	76.362	ng		98
22) Acetophenone	8.93	105	359683	79.445	ng	#	98
24) Nitrobenzene	9.32	77	303199	81.836	ng		97
25) Isophorone	9.83	82	538050	77.766	ng		99
26) 2-Nitrophenol	10.03	139	129624	84.867	ng	#	86
27) 2,4-Dimethylphenol	10.07	122	194248	77.004	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	290927	77.908	ng		99
29) 2,4-Dichlorophenol	10.56	162	250635	78.242	ng		96
30) 1,2,4-Trichlorobenzene	10.77	180	300963	82.589	ng		99
31) Naphthalene	10.97	128	691973	79.853	ng		99
32) Benzoic acid	10.24	122	103294	57.367	ng		94
33) 4-Chloroaniline	11.08	127	307037	76.364	ng		99
34) Hexachlorobutadiene	11.23	225	230190	82.556	ng		95
35) Caprolactam	11.91	113	73138	69.140	ng		93
36) 4-Chloro-3-methylphenol	12.19	107	263817	72.112	ng		96
37) 2-Methylnaphthalene	12.57	142	513579	76.952	ng		98
38) 1-Methylnaphthalene	12.78	142	484256m	76.998	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	387148	87.321	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	200633	100.998	ng		98
43) 2,4,6-Trichlorophenol	13.16	196	235759	82.198	ng		97
44) 2,4,5-Trichlorophenol	13.24	196	234521	77.531	ng		99
46) 1,1'-Biphenyl	13.56	154	690122	84.756	ng		99
47) 2-Chloronaphthalene	13.61	162	598291	85.590	ng		99
48) 2-Nitroaniline	13.82	65	211769	84.447	ng		98
49) Acenaphthylene	14.46	152	843620	80.187	ng		98
50) Dimethylphthalate	14.18	163	738811	79.343	ng		98
51) 2,6-Dinitrotoluene	14.31	165	161723	80.553	ng		98
52) Acenaphthene	14.79	154	512869	80.471	ng		95
53) 3-Nitroaniline	14.65	138	160774	80.083	ng		98
54) 2,4-Dinitrophenol	14.85	184	52041	66.866	ng		94
55) Dibenzofuran	15.13	168	856598	79.876	ng		100
56) 4-Nitrophenol	14.95	139	102719	74.595	ng		90
57) 2,4-Dinitrotoluene	15.10	165	228851	80.695	ng		98
58) Fluorene	15.77	166	667623	78.171	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	223615	75.223	ng		99
60) Diethylphthalate	15.53	149	734970	77.343	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	444441	80.062	ng		98
62) 4-Nitroaniline	15.81	138	167928	79.010	ng		93
63) Azobenzene	16.05	77	664690	76.959	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	110382	85.089	ng		98
66) n-Nitrosodiphenylamine	15.98	169	592033	77.893	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	284911	78.083	ng		96
68) Hexachlorobenzene	16.77	284	302753	77.920	ng		99
69) Atrazine	16.91	200	133440	45.500	ng		97
70) Pentachlorophenol	17.11	266	133930	71.129	ng		98
71) Phenanthrene	17.51	178	1099647	78.081	ng		96
72) Anthracene	17.61	178	1100783	79.250	ng		99
73) Carbazole	17.88	167	951064	79.799	ng		99
74) Di-n-butylphthalate	18.41	149	1169702	78.965	ng		98
75) Fluoranthene	19.52	202	1392473	80.048	ng		97
77) Benzidine	19.70	184	293260	45.966	ng		100
78) Pyrene	19.88	202	1381037	79.436	ng		98
80) Butylbenzylphthalate	20.74	149	555756	82.143	ng		99
81) Benzo(a)anthracene	21.73	228	1391873	78.183	ng		98
82) 3,3'-Dichlorobenzidine	21.64	252	450550	71.954	ng		98
83) Chrysene	21.80	228	1351807	79.348	ng		96
84) Bis(2-ethylhexyl)phthalate	21.59	149	768045	80.641	ng		98
85) Di-n-octyl phthalate	22.83	149	1276383	80.468	ng		100
86) Indeno(1,2,3-cd)pyrene	28.88	276	1000822	47.957	ng		94
88) Benzo(b)fluoranthene	24.01	252	1232130	82.514	ng		100
89) Benzo(k)fluoranthene	24.08	252	1329098	89.946	ng		98
90) Benzo(a)pyrene	24.91	252	1202529	84.408	ng		97
91) Dibenzo(a,h)anthracene	28.93	278	732447	51.452	ng		98
92) Benzo(g,h,i)perylene	30.07	276	651388	47.099	ng	#	97

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

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