Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041206.D
Acq On : 12 Jun 2019 15:01
Operator : HP/JU
Sample : K3283-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 200030-200034MS

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:37 AM

Quant Time: Jun 13 07:37:23 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	40538	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	166823	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	128939	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308763	20.00	ng	0.00
76) Chrysene-d12	21.76	240	307396	20.00	ng	0.00
87) Perylene-d12	25.09	264	325829	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	292261	130.00	ng	0.00
7) Phenol-d6	7.25	99	445683	128.37	ng	0.00
23) Nitrobenzene-d5	9.29	82	306285	81.51	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	238786	124.75	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	674829	75.37	ng	0.00
79) Terphenyl-d14	20.07	244	1169178	80.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	27479	26.937	ng	# 89
3) Pyridine	3.91	79	56703	18.785	ng	96
4) n-Nitrosodimethylamine	3.83	42	50574	36.100	ng	83
6) Aniline	7.43	93	87938	18.975	ng	99
8) 2-Chlorophenol	7.66	128	98095	36.601	ng	94
9) Benzaldehyde	7.24	77	26999	13.036	ng	85
10) Phenol	7.28	94	134165	36.040	ng	98
11) bis(2-Chloroethyl)ether	7.52	93	85190	31.545	ng	94
12) 1,3-Dichlorobenzene	7.99	146	102037	31.876	ng	99
13) 1,4-Dichlorobenzene	8.14	146	103718	32.010	ng	96
14) 1,2-Dichlorobenzene	8.46	146	100850	32.056	ng	97
15) Benzyl Alcohol	8.35	79	108582	33.808	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	133063	30.153	ng	99
17) 2-Methylphenol	8.54	107	93604	34.728	ng	97
18) Hexachloroethane	9.19	117	39133	31.336	ng	87
19) n-Nitroso-di-n-propylamine	8.90	70	85603	32.039	ng	97
20) 3+4-Methylphenols	8.87	107	129269	34.623	ng	100
22) Acetophenone	8.93	105	164787	35.213	ng	# 98
24) Nitrobenzene	9.33	77	136378	35.612	ng	98
25) Isophorone	9.84	82	240840	33.677	ng	99
26) 2-Nitrophenol	10.03	139	60299	38.195	ng	91
27) 2,4-Dimethylphenol	10.08	122	104612	40.122	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	124304	32.205	ng	99
29) 2,4-Dichlorophenol	10.57	162	119786	36.178	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	129056	34.263	ng	96
31) Naphthalene	10.98	128	319395	35.659	ng	97
32) Benzoic acid	10.17	122	18411m	15.673	ng	
33) 4-Chloroaniline	11.09	127	93285	22.446	ng	99
34) Hexachlorobutadiene	11.24	225	89620	31.096	ng	97
35) Caprolactam	11.88	113	34912	31.930	ng	95
36) 4-Chloro-3-methylphenol	12.19	107	137406	36.337	ng	97
37) 2-Methylnaphthalene	12.57	142	245784	35.629	ng	98
38) 1-Methylnaphthalene	12.79	142	232834	35.817	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	182284	35.075	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	186779	68.212	ng		96
43) 2,4,6-Trichlorophenol	13.17	196	117259	34.878	ng		93
44) 2,4,5-Trichlorophenol	13.25	196	124399	35.085	ng		96
46) 1,1'-Biphenyl	13.57	154	328335	34.401	ng		99
47) 2-Chloronaphthalene	13.62	162	275686	33.646	ng		99
48) 2-Nitroaniline	13.83	65	100313	34.126	ng		99
49) Acenaphthylene	14.46	152	434434	35.228	ng		99
50) Dimethylphthalate	14.19	163	436017	39.948	ng		98
51) 2,6-Dinitrotoluene	14.32	165	81622	34.684	ng		98
52) Acenaphthene	14.80	154	249755	33.432	ng		99
53) 3-Nitroaniline	14.65	138	66035	28.061	ng	#	92
54) 2,4-Dinitrophenol	14.86	184	43379	45.247	ng		90
55) Dibenzofuran	15.13	168	437259	34.785	ng		98
56) 4-Nitrophenol	14.95	139	108270	67.078	ng		91
57) 2,4-Dinitrotoluene	15.10	165	118429	35.626	ng	#	95
58) Fluorene	15.78	166	347038	34.666	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	126761	36.379	ng		97
60) Diethylphthalate	15.53	149	369453	33.168	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	213184	32.763	ng		96
62) 4-Nitroaniline	15.81	138	81163	32.578	ng		97
63) Azobenzene	16.06	77	336864	33.274	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	56316	36.536	ng		99
66) n-Nitrosodiphenylamine	15.98	169	312255	35.975	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	137628	33.029	ng		97
68) Hexachlorobenzene	16.77	284	144984	32.676	ng		98
69) Atrazine	16.92	200	133139	39.754	ng		99
70) Pentachlorophenol	17.12	266	157778	67.103	ng		98
71) Phenanthrene	17.52	178	581065	36.129	ng		99
72) Anthracene	17.61	178	588462	37.098	ng		99
73) Carbazole	17.89	167	508146	37.335	ng		99
74) Di-n-butylphthalate	18.42	149	580563	34.320	ng		99
75) Fluoranthene	19.53	202	783841	39.458	ng		99
77) Benzidine	19.71	184	57954	7.903	ng		99
78) Pyrene	19.89	202	778251	38.946	ng		98
80) Butylbenzylphthalate	20.76	149	272496	35.041	ng		97
81) Benzo(a)anthracene	21.74	228	725356	35.449	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	185837	25.821	ng		99
83) Chrysene	21.81	228	724988	37.024	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	429071	39.195	ng		97
85) Di-n-octyl phthalate	22.84	149	658780	36.134	ng		100
86) Indeno(1,2,3-cd)pyrene	28.90	276	679155	28.314	ng		98
88) Benzo(b)fluoranthene	24.02	252	726292	36.751	ng		99
89) Benzo(k)fluoranthene	24.09	252	733239	37.493	ng		100
90) Benzo(a)pyrene	24.93	252	698580	37.050	ng		99
91) Dibenzo(a,h)anthracene	28.96	278	550400	29.214	ng		99
92) Benzo(g,h,i)perylene	30.11	276	497727	27.193	ng		98

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

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